

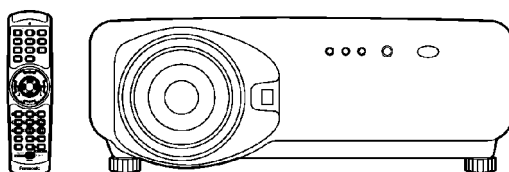
ORDER NO. VED0302342C0

D10

Service Manual

DLP™ Based Projector

PT-D7500U / PT-D7500E / PT-D7600U / PT-D7600E



SPECIFICATIONS

Panasonic

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Precaution

If using this projector at high elevations (above 1 400 m), set the FAN CONTROL to HIGH.

Failure to observe this may cause malfunctions.

Never use this projector at an elevation of 2 700 m or higher.

Using this projector at high elevations, consult your dealer or an authorized service center about preparations.

For U.S.A.

IMPORTANT SAFETY NOTICE

There are special parts used in Panasonic DLP Projectors which are important for safety. These parts are shaded on the schematic diagram. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of PANASONIC BROADCAST & TELEVISION SYSTEMS COMPANY.

WARNING:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any unauthorized changes or modifications to this equipment will void the users authority to operate.

1. Safety Precautions

1.1. General Guidelines

- For continued safety, no modification of any circuit must be attempted.
- Unplug the power cord from the power outlet before disassembling this projector.
- It is advisable to use an isolation transformer in the AC power line before the service.
- Observe the original lead dress during the service. If a short circuit is found, replace all the parts overheated or damaged by the short circuit.
- After the service, all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations must be properly installed.
- After the service, check the leakage current to prevent the customer from getting an electric shock.

1.2. Leakage Current Check

1. Prepare the measuring circuit as shown in Fig.1.
Be sure to use a voltmeter having the performance described in Table 1.

Fig. 1

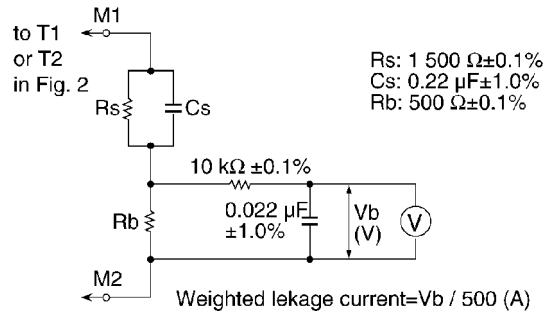
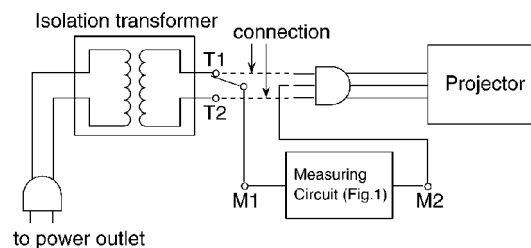


Table 1

	Performance
Voltmeter (rms reading)	Accuracy: $\leq 2\%$
	Input resistance: $\geq 1\,\text{M}\Omega$
	Input capacitance: $\leq 200\,\text{pF}$
	Frequency range: 15 Hz to 1 MHz

Fig. 2



2. Assemble the circuit as shown in Fig. 2. Plug the power cord in a power outlet.
3. Connect M1 to T1 according to Fig. 2 and measure the voltage.
4. Change the connection of M1 from T1 to T2 and measure the voltage again.
5. The voltmeter must read 0.375 V or lower in both of steps 3 and 4. This means that the current must be 0.75 mA or less.
6. If the reading is out of the above standard, the projector must be repaired and rechecked before returning to the customer because of a possibility of an electric shock.

2. Specifications

Model No.	PT-D7500U/E	PT-D7600U/E
Power supply	U: AC 120 V, 50 Hz/60 Hz E: AC 220 V - 240 V, 50 Hz/60 Hz	
Power consumption	800 W (about 12 W in standby without fan running)	
DLP™ panel Panel size Display system Number of pixels	0.7 inch (aspect ratio 4:3) Three-unit DMD™ element, DLP type 3 x 786 432 pixels (1 024 x 768 dots)	0.9 inch (aspect ratio 5:4) Three-unit DMD™ element, DLP type 3 x 1 310 720 pixels (1 280 x 1 024 dots)
Lens Powered zoom Powered focus control	Option	
Projection lamp	2 bulbs x 300 W UHM lamp	
Optical output	5 000 lm (ANSI)	6 000 lm (ANSI)
Applicable scanning frequency For video signal (S-video included) For RGB signal For DVI-D signal For YPbPr signal	Horizontally 15.73 kHz/15.63 kHz, vertically 59.94 Hz/50 Hz Horizontally 15 kHz-100 kHz, vertically 24 Hz-120 Hz, Panasonic Intelligent Auto Scanning (PIAS) system Dot clock frequency 20 MHz-162 MHz (When DVI module (optional item) is mounted) VGA-S-XGA Dot clock frequency 25 MHz-112 MHz [480i], horizontally 15.73 kHz, vertically 59.94 Hz [480p], horizontally 31.5 kHz, vertically 59.94 Hz [576i], horizontally 15.63 kHz, vertically 50 Hz [720/60p], horizontally 45 kHz, vertically 60 Hz [1035/60i], horizontally 33.75 kHz, vertically 60 Hz [1080/60i], horizontally 33.75 kHz, vertically 60 Hz [1080/50i], horizontally 28.13 kHz, vertically 50 Hz [1080/24p], horizontally 27 kHz, vertically 24 Hz [1080/30p], horizontally 33.75 kHz, vertically 30 Hz [1080/25p], horizontally 28.13 kHz, vertically 25 Hz [1080/24sF], horizontally 27 kHz, vertically 48 Hz * HD/SYNC, VD terminals are not compliant with 3 value composite SYNC.	
Colour system	7 standards (NTSC/NTSC4.43/PAL/PAL-N/PAL-M/SECAM/PAL60)	
Screen size	70 inch-600 inch (70 inch-300 inch when using an ET-D75LE5 lens)	
Screen aspect ratio	4:3	5:4
Projection schem	Menu-selectable from front/rear/ceiling mount, and floor standing	
Contrast ratio	600:1	
Interface ports Input module connection slot RGB1 input terminal	One system of input module connection slot 1 set, BNC x 5 [For YPbPr input] Y: 1.0 V[p-p] synchronization signal included, PbPr: 0.7 V[p-p] 75 Ω For G-SYNC: 1.0 V[p-p] 75 Ω HD/SYNC: 75 Ω, 1.4-5 Vp-p, positive/negative polarity automatically adjusted VD: 75 Ω, 1.4-5 Vp-p, positive/negative polarity automatically adjusted [For RGB input] 0.7 V[p-p] 75 Ω * HD/SYNC, VD terminals are not compliant with 3 value composite SYNC.	

Model No.	PT-D7500U/E	PT-D7600U/E
Interface ports		
RGB2 input/RGB1 output terminal	1 set of high-density, D-sub 15p (female) [For YPbPr input] Y: 1.0 V [p-p] synchronization signal included, PbPr: 0.7 V[p-p] 75 Ω [For RGB input] 0.7 V[p-p] 75 Ω For G-SYNC: 1.0 V[p-p] 75 Ω HD/SYNC: TTL, high-impedance, positive/negative polarity automatically adjusted VD: TTL, high-impedance, positive/negative polarity automatically adjusted * However, HD/SYNC, and VD terminals are not compliant with 3-value direct SYNC. (Active through for RGB1 output)	
Video input/output terminal	1 set BNC	
S-video input terminal	Y 1.0 V[p-p] C 0.286 V[p-p] 75 Ω; Compliant with S1 signals	
Serial input/output terminal	1 set Mini DIN 4p	
Remote1 input/output terminal	Y 1.0 V[p-p] C 0.286 V[p-p] 75 Ω	
Remote2 terminal	D-sub 9-pin (female), RS-232C compliant	
Length of power supply cord	Used for personal computer control	
Cabinet	1 set each for M3 pin jack	
Outside dimensions	Wired remote control, used for link control	
Mass	D-sub 9p (female)	
Working environment condition	Used for external control	
Remote control		
Power source	3 V DC (two AA dry cells)	
Operation range	approx. 7 m/23' (in front of beam receiver)	
Mass	110 g (0.24 lb) (including dry cells)	
Outside dimensions	Width: 50 mm (1.9"), Thickness: 31 mm (1.2"), Depth: 181 mm (7.1")	
Option		
Hanging attachment (For high ceiling)	: ET-PKD75	
Hanging attachment (For low ceiling)	: ET-PKD75S	
Dual attachment	: ET-DFD75	
Carrying handle	: ET-HAD75	
Projection lens	: ET-D75LE1, ET-D75LE2, ET-D75LE3, ET-D75LE4, ET-D75LE5, ET-D75LE1SC, ET-D75LE2SC, ET-D75LE3SC, ET-D75LE4SC	
DVI-D input module	: ET-MD75DV	
Network module	: ET-MD75NT	
Video signal input module	: ET-MD95VM2	
RGB signal input module	: ET-MD95RGB	
Serial digital input module (SD)	: ET-MD95SD1	
Serial digital input module (480p)	: ET-MD95SD2	
Serial digital input module (HD)	: ET-MD95SD3	
Lamp unit	: ET-LAD7500 (single bulb), ET-LAD7500W (double bulbs)	
Wireless mouse receiver	: ET-RMRC1	

*1. If the projector is used at high altitude (1 400 to 2 700 m), the value for allowable ambient max. temperature should be lowered by 5°C.

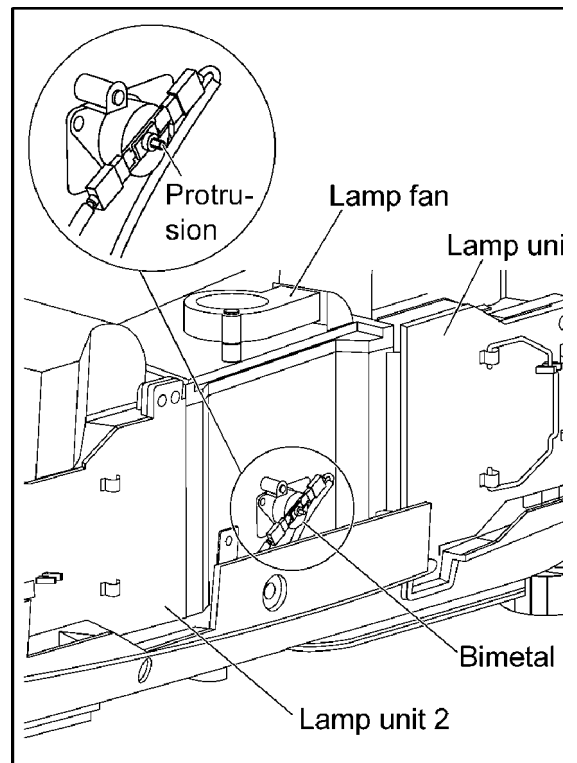
3. Function for Safety

3.1. Temperature Detection inside the Lamp Unit

This projector has a bimetal contacting the lamp units to protect the lamps.

If the temperature of one of the lamp units exceeds 135 °C, the bimetal will operate to turn off the power (standby condition). The installed position of the bimetal is shown in the illustration at right.

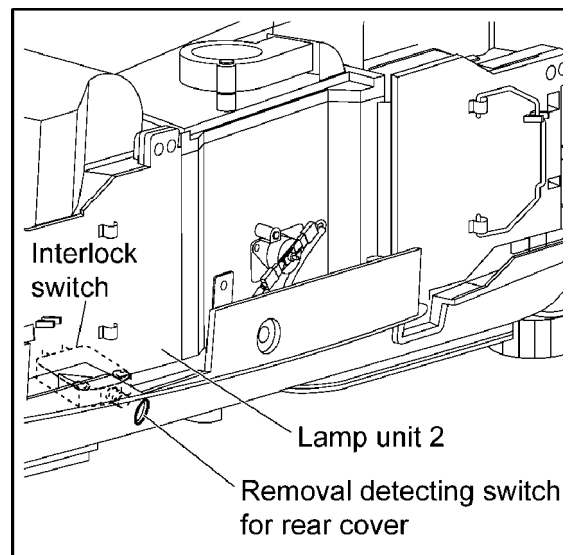
To reset the bimetal action, press the protrusion of the bimetal until you feel a click.



3.2. Interlock Switch

To ensure safety, this projector is designed so that the power cannot be turned on when the rear cover is removed or installed incorrectly.

If removing the rear cover during operation, the power will be turned off.



4. Serviceman Mode

This mode is used to narrow down the location of the failure.

4.1. Setting to Serviceman Mode

- (1) Press the MENU button.
The MENU screen will appear.
- (2) Select "OPTION" using the ▲ or ▼ buttons and press the ENTER button.
The OPTION screen will appear.

OPTION	
SYSTEM INFORMATION	
VIDEO SETTING	
FAN CONTROL	NORMAL
P IN P	ON
FUNC1	P IN P
CONTRAST MODE	NORMAL
PASSWORD	
▲▼:MENU SELECT ENTER:SUB MENU	

- (3) Select "PASSWORD" using the ▲ or ▼ buttons and press the ENTER button.
The PASSWORD screen will appear.
- (4) Set the operation mode selector (Computer/Numeric, Projector) switch to "Computer/Numeric" on the remote control unit and input the password "1565".
" * " (asterisk) will appear for the password numbers.
- (5) Set the operation mode selector (Computer/Numeric, Projector) switch to "Projector" on the remote control unit and press the ENTER button.
The words "SERVICEMAN MODE" will appear.

PASSWORD	
* * * *	
SERVICEMAN MODE	
0~9: INPUT ENTER: SET	

4.2. Resetting to User Mode

- (1) Select "PASSWORD" on the OPTION screen using the ▲ or ▼ buttons and press the ENTER button.
The PASSWORD screen will appear.
- (2) Set the operation mode selector (Computer/Numeric, Projector) switch to "Computer/Numeric" on the remote control unit and input the password "0000".
" * " (asterisk) will appear for the password numbers.
- (3) Set the operation mode selector (Computer/Numeric, Projector) switch to "Projector" on the remote control unit and press the ENTER button.
The words "USER MODE" will appear.

OPTION	
SYSTEM INFORMATION	
VIDEO SETTING	
FAN CONTROL	NORMAL
P IN P	ON
FUNC1	P IN P
CONTRAST MODE	NORMAL
PASSWORD	
▲▼:MENU SELECT ENTER:SUB MENU	

PASSWORD	
* * * *	
USER MODE	
0~9: INPUT ENTER: SET	

4.3. Functions in Serviceman Mode

This projector has functions such as image cutoff and deletion of registered signals by one operation.

[VIDEO menu]

SDI COLORSELECT

Sets the using mode of the color-difference information in TW-MD95SD2 480P dual link ("MAIN" only or both "MAIN" and "SUB").

AD LPF

Sets the low pass filter.

[POSITION ADJUSTMENT menu]

PLL Setting

Sets VCO and the charge pump.

Frame Lock

Sets the frame lock.

Raster Position

Sets the raster position.

V Mask

Sets the V mask.

[OPTION menu]

Used Hours

The used hours of the projector appear.

[EXTRA OPTION menu]

Cutoff

Sets the display on or off for each color (red, green, and blue).

Deletion of Input Signals

Deletes all the registered signals.

REMOTE 2 Setting

Sets the functions of the REMOTE 2 terminal.

1:	Function	OPEN	SHORT
1	GND	—	—
2	Power supply	off	on
3	RGB1	other	RGB1
4	RGB2	other	RGB2
5	VIDEO	other	VIDEO
6	S-VIDEO	other	S-VIDEO
7	AUX	other	AUX
8	Shutter	off	on
9	REMOTE 2 selection	disable	enable

2:	Function	OPEN	SHORT
1	GND	—	GND
2	Power supply	off	on
3	RGB1	other	RGB1
4	RGB2	other	RGB2
5	VIDEO	other	VIDEO
6	S-VIDEO	other	S-VIDEO
7	AUX (LINE)	other	AUX(LINE)
8	AUX (Y/C)	other	AUX(Y/C)
9	REMOTE 2 selection	disable	enable

- When using the contact control and an optional signal selector in combination, set the pins "No. 3, 4, 5, 6, and 7" of the REMOTE 2 terminal to OPEN.
- When AUX is ET-MD95VM2, the LINE and Y/C selection is set to the last selected condition.

Gamma Selection

Sets the selectable modes of gamma on the VIDEO menu.

STANDARD: You can select the following 10 modes.

"2.2", "2.5", "NATURAL", "GRAPHIC 1", "GRAPHIC 2", "STANDARD 1", "STANDARD 2", "CINEMA", "USER 1", and "USER 2"

ALL: You can select the following 18 modes.

"1.0", "1.8", "2.0", "2.2", "2.3", "2.4", "2.5", "2.7", "NATURAL", "GRAPHIC 1", "GRAPHIC 2", "STANDARD 1", "STANDARD 2", "CINEMA", "USER 1", "USER 2", "USER 3", and "USER 4"

Fan Full Mode

OFF: Controls the fan speed according to temperature and lamp modes.

ON: Sets the intake fan to the full speed to cool best the power supply and DMD prism, but increases fan noise. At this time, you cannot select "FAN CONTROL" on the OPTION menu.

Caution:

Be sure to set to OFF at 1400 m or high above sea level.

Lamp Switching Mute

OFF: Keeps projecting the picture even when switching the lamps.

ON: Stops projecting the picture when switching the lamps.

* If setting to OFF, the picture may be unstable when switching the lamps.

Lamp Relay

"1h", "2h", "3h", "4h" --- "12h":

Turns on lamp1 or lamp 2 alternatively at a selected time interval (1 - 12 hours) when setting the lamp selection to SINGLE.

note:

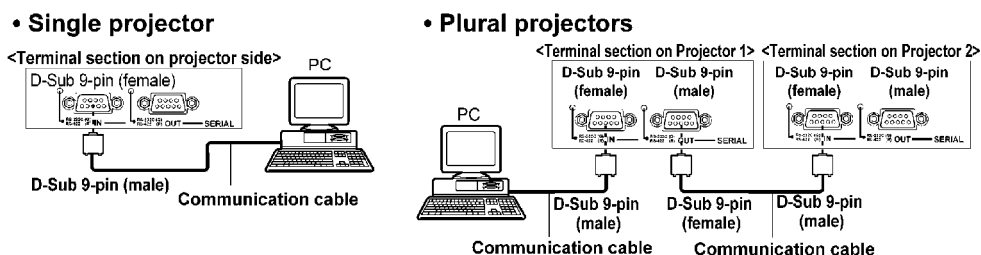
Use this mode to operate the projector for a long time continuously.

OFF: Stops switching lamp1 and lamp 2.

5. Using the Serial Terminals

The main unit is equipped with SERIAL terminals located in its terminal section on the side, and this terminal is compliant with RS-232C. Also a serial output terminal is provided to enable plural projector control.

5.1. Examples of Connection



5.2. Pin Assignments and Signal Names

Pin No.	Signal name	Description
①		NC
②	TXD	Sends data
③	RXD	Receives data
④		NC
⑤	GND	Ground
⑥		NC
⑦	CTS	Connected internally
⑧	RTS	Connected internally
⑨		NC

D-Sub 9-pin (female), external appearance

Serial input terminal

Pin No.	Signal name	Description
①		NC
②	RXD	Receives data
③	TXD	Sends data
④		NC
⑤	GND	Ground
⑥		NC
⑦	RTS	Connected internally
⑧	CTS	Connected internally
⑨		NC

D-Sub 9-pin (male), external appearance

Serial output terminal

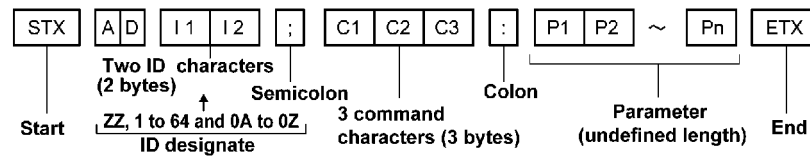
5.3. Communication Conditions (Factory Setting)

Signal level	RS-232C-compliant
Synchronization method	Start-stop synchronization
Baud rate	9 600bps
Parity	None
Character length	8 bits
Stop bit	1 bit
X parameter	None
S parameter	None

5.4. Basic Format

Transmission from the computer begins with STX, then the ID, command, parameter, and ETX are

sent in this order. Add parameters according to the details of control.



Attention

- No command can be sent or received for 10 to 60 seconds after the lamp starts lighting. Try sending any command after that period has elapsed.
- When sending several commands, be sure to wait for a response from the projector before sending the next command. When sending commands without parameters, a colon (:) is not necessary.

Note

- If a wrong command is sent, the projector will send an ER401 command to the computer.
- A projector ID supported on the RS-232C interface is ZZ (ALL) and a group of 1 to 64 and 0A to 0Z.
- If a command is sent with a projector ID specified, the projector will respond to the computer only in the following cases:
If it coincides with the projector ID,
ID specification is ALL and VPS-SYSTEM is the master, or
ID specification is group and Group is the master.

5.5. Procedure of Setting Communication Conditions

- (1) Press the MENU button.
The MAIN MENU screen will be displayed.
- (2) Press the ▲ and ▼ buttons to select “OPTION”.

MAIN MENU	
PICTURE	
POSITION	
LANGUAGE	
OPTION	
TEST PATTERN	
REGISTERED SIGNAL LIST	

▲▼:MENU SELECT
ENTER:SUB MENU

- (3) Press the ENTER button.
- (4) Press the ▲ and ▼ buttons to select “RS232C SETTING”.

OPTION	
ID	2
SETTING	FRONT-F
LAMP1 RUNTIME	57h
LAMP2 RUNTIME	60h
LAMP SELECT	DUAL
LAMP POWER	HIGH
LAMP COOLING TIME	SHORT
RS232C SETTING	
RGB2 SELECT	RGB1 OUT
OSD POSITION	1

▲▼:MENU SELECT
ENTER:SUB MENU

- (5) Press the ENTER button.
The RS232C SETTING screen will be displayed.
- (6) Press the ▲ and ▼ buttons to select communication conditions.
- (7) Press the ◀ and ▶ buttons to confirm the setting..
- (8) Press the MENU button three times.
The on-screen indications disappear, and the system returns to the normal screen.

RS232C SETTING	
(IN) BAUDRATE	38400
(IN) PARITY	EVEN
(OUT) BAUDRATE	38400
(OUT) PARITY	EVEN
VPS SYSTEM	MASTER
GROUP	A
	MASTER

▲▼:MENU SELECT
◀▶:CHANGE

5.6. Control commands

5.6.1. Input Commands

Items	Commands: Parameters	Functions	Callback	Remarks
POWER	PON	POWER ON	PON	
	POF	POWER OFF	POF	
FREEZE	OFZ:0	FREEZE key	OFZ	
	OFZ:1	0=OFF 1=ON	OFZ	
MENU	OMN	MENU key	OMN	
ENTER	OEN	ENTER key	OEN	
CURSOR	OCU	UP key	OCU	
	OCD	DOWN key	OCD	
	OCL	LEFT key	OCL	
	OCR	RIGHT key	OCR	
STANDARD	OST	STANDARD key	OST	
AUTO SETUP	OAS	AUTO SETUP execution	OAS	
SHUTTER	OSH:0	SHUTTER key	OSH:0	
	OSH:1	0=OFF 1=ON	OSH:1	
INPUT SELECT	IIS:RG1	RGB-1	IIS:RG1	
	IIS:RG2	RGB-2	IIS:RG2	
	IIS:VID	VIDEO	IIS:VID	
	IIS:SVD	S-VIDEO	IIS:SVD	
	IIS:AUX	AUX	IIS:AUX	
	IIS:AUX AW1	AUX LINE(ET-MD95VM2 only)	IIS:AUX/AW1	
	IIS:AUX AW2	AUX Y/C (ET-MD95VM2 only)	IIS:AUX/AW2	
FUNCTION1	FC1	FUNCTION execution	FC1	
TEST	OTS:p1p2	Test pattern selection	OTS:p1p2	
		00=OFF 01=White picture 02=Black picture 03=Flag		
		04=Flag inversion 05=1% Window		
		06=1% Window inversion 07=Focus		
ON SCREEN	OOS:0	OSD selection	OOS:0	
	OOS:1	0= OSD OFF 1=OSD ON	OOS:1	
NEXT	ONX	NEXT key	ONX	
NUMBER KEY	ONK:0	NUMBER key 0	ONK:0	
	ONK:1	NUMBER key 1	ONK:1	
	ONK:2	NUMBER key 2	ONK:2	
	ONK:3	NUMBER key 3	ONK:3	
	ONK:4	NUMBER key 4	ONK:4	
	ONK:5	NUMBER key 5	ONK:5	
	ONK:6	NUMBER key 6	ONK:6	
	ONK:7	NUMBER key 7	ONK:7	
	ONK:8	NUMBER key 8	ONK:8	
	ONK:9	NUMBER key 9	ONK:9	
SYSTEM SEL	OSL	SYSTEM SELECTER key	OSL	

5.6.2. Data setting Commands

Items	Commands:Parameters	Functions	
ID SET	RIS:p1p2	Projector ID setting	RIS:p1p2
INSTALLATION	OIL:0	Front/Floor	OIL:0
	OIL:1	Rear/Floor	OIL:1
	OIL:2	Front/Ceiling	OIL:2
	OIL:3	Rear/Ceiling	OIL:3
LAMP SELECT	LPM:0	Lamp selection	LPM:0
	LPM:1	0=DUAL 1=SINGLE	LPM:1
	LPM:2	2=LAMP1 3=LAMP2	LPM:2
	LPM:3		LPM:3
LAMP POWER	OLP:0	LAMP POWER setting	OLP:0
	OLP:1	0=HIGH 1=LOW	OLP:1
Lamp Cooling Time	OLC:0	normal	OLC:0
	OLC:1	short	OLC:1
SUB MEMORY	OCS:p1p2	SUB MEMORY switching	OCS:p1p2
SET DATE	TSD:y1y2y3y4 m1m2d1d2w	Date setting	TSD:y1y2y
SET TIME	TST:h1h2m1m2s1s2	Time setting	TST:h1h2n

*1 The input of p1p2p3 accepts any of the types +1, +01, +001, 1, 01, and 001.

*2 The input of p1p2p3p4 accepts any of the types +1, +01, +001, +0001, 1, 01, 001, and 0001.

*3 In the SINGLE mode, one of lamp 1 and lamp 2 whose used hours are shorter is turned on.

*4 Set the date and time according to GMT (Greenwich Mean Time).

5.6.3. Inquiry Commands

Items	Commands:Parameters	Functions	Callback	Interpretation	Remarks
POWER CONDITION	QPW	Inquiry about power	000	OFF	
			001	ON	
FREEZE	QFZ	Inquiry about freeze	0	OFF	
			1	ON	
SHUTTER	QSH	Inquiry about shutter	0	OFF	
			1	ON	
AUTO SETUP	QAS	Inquiry about auto setup	0	In Process	
			1	In Stop	
INPUT SIGNAL	QIN	Inquiry about input channel	RG1	RGB-1	
			RG2	RGB-2	
			VID	VIDEO	
			SVD	S-VIDEO	
			AUX	AUX	
	QIN:AW		AUX/AW1	AUX LINE	ET-MD95VM2 board
	QIN:AW		AUX/AW2	AUX Y/C	ET-MD95VM2 board
TEST	QTS	Inquiry about test pattern	p1p2		
ON SCREEN	QOS	Inquiry about on screen display	0	off	
			1	on	

Items	Commands: Parameters	Functions	Callback	Interpretation	Remarks
PICTURE MODE	QPM	Inquiry about picture mode	NAT	NATURAL	
			STD	STANDARD	
			DYN	DYNAMIC	
			CIN	CINEMA	
			GRA	GRAPHIC	
COLOR	QVC	Inquiry about color	p1p2p3		
TINT	QVT	Inquiry about tint	p1p2p3		
COLOR TEMP.	QTE	Inquiry about color temperature	0	LOW	
			1	MIDDLE	
			2	HIGH	
			3	DYNAMIC	
			4	USER	
			5	STANDARD	
			6	NATURAL	
			7	CINEMA	
			8	GRAPHIC	
WHITE BALANCE LOW(R)	QOR	Inquiry about white balance low (R)	p1p2p3		
WHITE BALANCE LOW(G)	QOG	Inquiry about white balance low (G)	p1p2p3		
WHITE BALANCE LOW(B)	QOB	Inquiry about white balance low (B)	p1p2p3		
WHITE BALANCE HI(R)	QHR	Inquiry about white balance high (R)	p1p2p3		
WHITE BALANCE HI(G)	QHG	Inquiry about white balance high (G)	p1p2p3		
WHITE BALANCE HI(B)	QHB	Inquiry about white balance high (B)	p1p2p3		
CONTRAST	QVR	Inquiry about contrast	p1p2p3		
BRIGHTNESS	QVB	Inquiry about brightness	p1p2p3		
SHARPNESS	QVS	Inquiry about sharpness	p1p2p3		
NOISE REDUCTION	QNS	Inquiry about noise reduction	0	OFF	
			1	1	
			2	2	
			3	3	
AI CONTROL	QAI	Inquiry about AI control	0	OFF	
			1	ON	
Pull Down Mode	QPD	Inquiry about pull down mode	0	AUTO	
			1	OFF	
			2	2:2 ON	
COLOR MATCHING	QMC	Inquiry about color matching	0	OFF	
			1	USER	
GET COLOR MATCHING	QMR	Inquiry about color matching (R)	p1p2p3p4 p5p6p7p8 p9p10p11p12		
	QMG	Inquiry about color matching (G)	p1p2p3p4 p5p6p7p8 p9p10p11p12		
	QMB	Inquiry about color matching (B)	p1p2p3p4 p5p6p7p8 p9p10p11p12		
ZOOM(H)	QZH	Inquiry about horizontal magnification	p1p2p3		
ZOOM(V)	QZV	Inquiry about vertical magnification	p1p2p3		
ZOOM (H/V)	QZO	Inquiry about magnification	p1p2p3		
ZOOM (H/V gang control)	QZS	Inquiry about gang control for zoom	0	OFF	
			1	ON	

Items	Commands: Parameters	Functions	Callback	Interpretation	Remarks
BLANKING (UPPER)	QLU	Inquiry about blanking (upper)	p1p2p3		
BLANKING (LOWER)	QLB	Inquiry about blanking (lower)	p1p2p3		
BLANKING (LEFT)	QLL	Inquiry about blanking (left)	p1p2p3		
BLANKING (RIGHT)	QLR	Inquiry about blanking (right)	p1p2p3		
CLOCK PHASE	QCP	Inquiry about clock phase	p1p2p3		
INPUT RESOLUTION		Input resource setting			
total dots	QTD	Dot count	p1p2p3p4		
display dots	QDD	Dot count for display	p1p2p3p4		
total lines	QTL	Line count	p1p2p3p4		
display lines	QDL	Line count for display	p1p2p3p4		
KEYSTONE	QKS	Inquiry about trapezoidal correction	p1p2p3		
LINEARITY	QLI	Inquiry about trapezoidal linearity	p1p2p3		
LANGUAGE	QLG	Inquiry about language	ENG	English	
			DEU	German	
			FRA	French	
			ESP	Spanish	
			ITL	Italian	
			JPN	Japanese	
			CHI	Chinese	
INSTALLATION	QSP	Inquiry about installed condition	0	Front/Floor	
			1	Rear/Floor	
			2	Front/Ceiling	
			3	Rear/Ceiling	
SET RUNTIME	QST	Inquiry about uptime	p1p2p3p4p5	00000h to 99999h	
LAMP ON TIME (LAMP TIMER)	Q\$L:p1 (p1 = 1 or 2)	Inquiry about lamp-on time (1=lamp 1 2=lamp 2)	p1p2p3p4		0000h to 9999h
LAMP SELECT	QSL	Inquiry about lamp selection	0	DUAL	
			1	SINGLE	
			2	LAMP1	
			3	LAMP2	
LAMP POWER	QLP	Inquiry about lamp power selection	0	HIGH	
			1	LOW	
Lamp Cooling Time	QLC	Inquiry about lamp cooling time	0	normal	
			1	short	
VPS SYSTEM	QVY	Inquiry about VPS system	0	SLAVE	
			1	MASTER	
GROUP GET	ADa1a2;QRG	Group acquisition	ADa1a2;RGSg1g2		
MASTER GET	ADg1g2;QRL	Group leader acquisition	ADa1a2;RLSa1a2		
RGB2 SELECT	QRI	Inquiry about RGB 2 selection	2IN	RGB2 IN	
			2OU	RGB1 OUT	
VIDEO SELECT	QM1	Inquiry about ET-MD95VM2 board input	0	LINE or Y/C	
			1	YCbCr	
VIDEO SYSTEM (VIDEO)	QY1	Inquiry about Video system (VIDEO)	AT1	AUTO1	
			AT2	AUTO2	
VIDEO SYSTEM (S- VIDEO)	QY2	Inquiry about Video system (S-VIDEO)	AT1	AUTO1	
			AT2	AUTO2	

Items	Commands: Parameters	Functions	Callback	Interpretation	Remarks
VIDEO SYSTEM (ET- MD95VM2 board LINE)	QY3	Inquiry about video system (ET-MD95VM2 board LINE)	AT1	AUTO1	
			AT2	AUTO2	
VIDEO SYSTEM (ET- MD95VM2 board Y/C)	QY4	Inquiry about video system (ET-MD95VM2 board Y/C))	AT1	AUTO1	
			AT2	AUTO2	
AUTOSETUP MODE	QAM	Inquiry about auto setup mode	0	USER	
			1	STANDARD	
			2	WIDE	
INPUT BOARD	QIB	Inquiry about input board	p1p2p3p4 --- (indefinite length)	MD95VM2	
				MD95SD1	
				MD95SD2	
				MD95SD3	
				MD95RGB	
				MD75NT	
				MD75DV	
				NONE	
				UNKNOWN	
				NOT SUPPORT	
TEMPERATURE	QTM:p1	Readout of temperature data	p1p2p3p4/p5p6p7p8 (Centigrade /Fahrenheit)	p1=0 intake	
				p1=1 exhaust	
				p1=2 optical module	
FAN CONTROL	QFM	Inquiry about fan control	0	NORMAL	
			1	HIGH	
P in P	QPP	Inquiry about P in P on/off	0	OFF	
			1	ON	
FUNCTION1	QFC	Inquiry about function 1	0	P in P	
			1	LAMP POWER	
			2	SIZE	
SUB MEMORY	QSB	Inquiry about sub memory	p1p2		
GET DATE	QGD	Inquiry about date	y1y2y3y4m1m2d1d2w	yyyymmdd (a day of the week)	A day of the week: Mon.=1 Tues.=2 -- Sun.=7
GET TIME	QGT	Inquiry about time	h1h2m1m2s1s2	hhmmss	

5.7. Cable specifications

<Connecting to a PC>

Projector		Computer (DTE specifications)	
1	NC	NC	1
2			2
3			3
4	NC	NC	4
5			5
6	NC	NC	6
7			7
8			8
9	NC	NC	9

Note

To connect the computer to the SERIAL terminal, prepare an adequate communication cable that fits to your personal computer.

5.8. Converting to RS-422 Control Functions

The RS-232C terminal of the projector is available as a RS-422 control terminal. The factory default setting is RS-232C control terminal.

Converting the RS-232C-IN terminal to RS-422-IN terminal

- (1) If the power of the projector is on, press the POWER

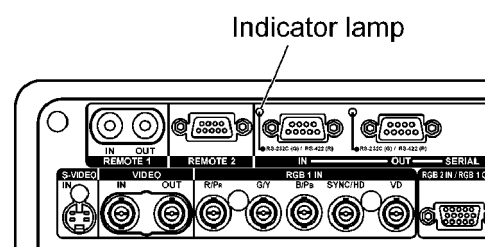
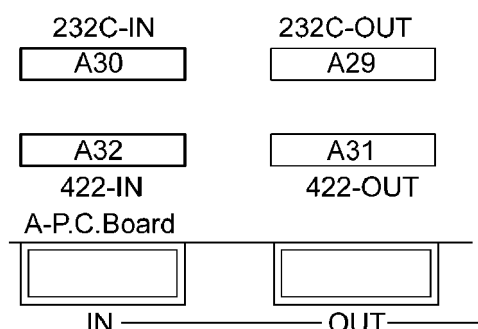


OFF () button on the remote control unit or projector.

- (2) Select "EXECUTE" using the ◀ or ▶ buttons and press the ENTER button.


Wait about five minutes until the cooling fans stop.

- (3) Turn off the MAIN POWER switch on the projector and unplug the power cord from the outlet.
- (4) Follow "11.3" to remove the upper cover.
- (5) Remove the connector inserted into A30 on the A-P.C.Board and insert it into A32.
- (6) Install the upper cover.
- (7) Plug the projector to the outlet and turn on the MAIN POWER switch.
- (8) Check that the indicator lamp at the left of the RS-232C-IN terminal illuminates in red.

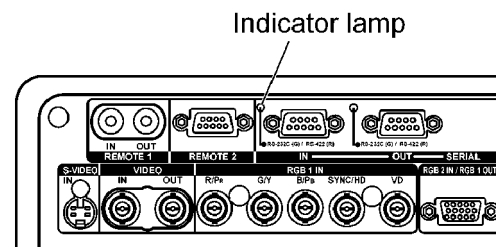


Returning the RS-232C-IN terminal to RS-232C-IN terminal

- (1) If the power of the projector is on, press the POWER


OFF () button on the remote control unit or projector.

- (2) Select "EXECUTE" using the ◀ or ▶ buttons and press the ENTER button.
Wait about five minutes until the cooling fans stop.
- (3) Turn off the MAIN POWER switch on the projector and unplug the power cord from the outlet.
- (4) Follow "11.3" to remove the upper cover.
- (5) Remove the connector inserted into A32 on the A-P.C.Board and insert it into A30.
- (6) Install the upper cover.
- (7) Plug the projector to the outlet and turn on the MAIN POWER switch.
- (8) Check that the indicator lamp at the left of the RS-232C-IN terminal illuminates in green.

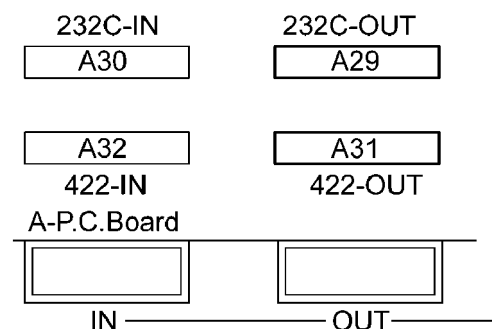


Converting the RS-232C-OUT terminal to RS-422-OUT terminal

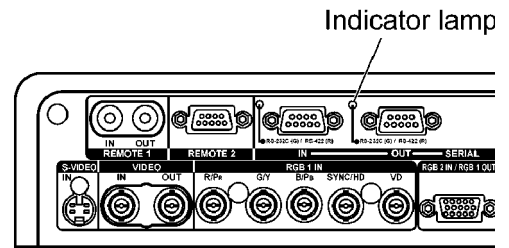
- (1) If the power of the projector is on, press the POWER

OFF () button on the remote control unit or projector.

- (2) Select "EXECUTE" using the ◀ or ▶ buttons and press the ENTER button.
Wait about five minutes until the cooling fans stop.
- (3) Turn off the MAIN POWER switch on the projector and unplug the power cord from the outlet.
- (4) Follow "11.3" to remove the upper cover.
- (5) Remove the connector inserted into A29 on the A-P.C.Board and insert it into A31.
- (6) Install the upper cover.




- (7) Plug the projector to the outlet and turn on the MAIN POWER switch.
- (8) Check that the indicator lamp at the left of the RS-232-IN terminal illuminates in red.



Returning the RS-232C-OUT terminal to RS-232C-OUT terminal

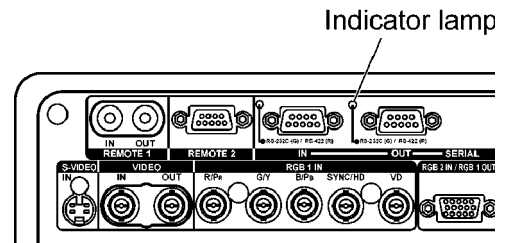
- (1) If the power of the projector is on, press the POWER

OFF () button on the remote control unit or projector.

- (2) Select "EXECUTE" using the ◀ or ▶ buttons and press the ENTER button.

Wait about five minutes until the cooling fans stop.

- (3) Turn off the MAIN POWER switch on the projector and unplug the power cord from the outlet.
- (4) Follow "11.3" to remove the upper cover.
- (5) Remove the connector inserted into A31 on the A-P.C.Board and insert it into A29.
- (6) Install the upper cover.
- (7) Plug the projector to the outlet and turn on the MAIN POWER switch.
- (8) Check that the indicator lamp at the left of the RS-232-IN terminal illuminates in green.



Pin Assignments in the RS-422 Control Mode

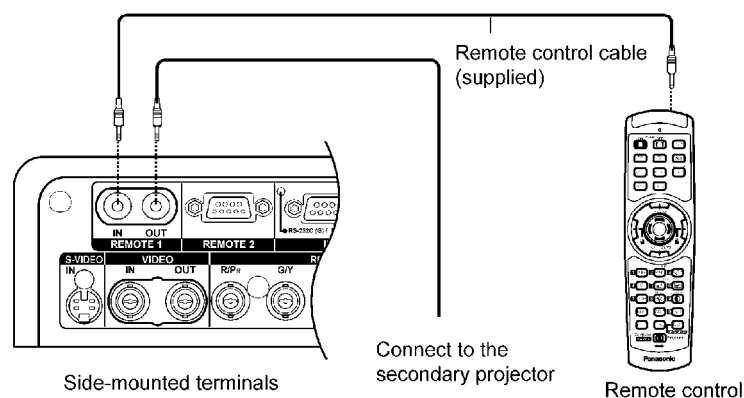
Pin Assignments in the RS-422 Control Mode

RS-422-IN			RS-422-OUT		
Pin number	Signal name	Description	Pin number	Signal name	Description
1	NC	No connection	1	NC	No connection
2	TXD(—)	Sends data (—)	2	RXD(—)	Sends data (—)
3	RXD(+)	Receives data (+)	3	TXD(+)	Receives data (+)
4	—	Connected internally to pin 6	4	—	Connected internally to pin 6
5	NC	No connection	5	NC	No connection
6	—	Connected internally to pin 4	6	—	Connected internally to pin 4
7	TXD(+)	Sends data (+)	7	RXD(+)	Sends data (+)
8	RXD(—)	Receives data (—)	8	TXD(—)	Receives data (—)
9	FG	GND	9	FG	GND

6. Using a Wired Remote Control

6.1. Connection Example

When two or more projectors are connected in the system, connect the projectors with the supplied remote control cable to simultaneously control the projectors with a remote control unit through the REMOTE1 IN/OUT terminal. It is effective to use the wired remote control in the environment in which an obstacle stands in the light path or where the system is susceptible to outside light.



6.2. Setting the Projector ID Number for Remote Control

Every projector has its ID number and the ID number of the controlling projector must be set to the remote control in advance so that the user can operate the remote control. The ID number of the projector is set to "ALL" on shipping, and use the ID ALL button of the remote control when using only one projector.

Procedure of ID setting

Press the ID SET button, and within five seconds, use the NEXT button to set the number of the ten place in the ID number, which is already set in the projector, and then use one of the numeric (0-9) buttons to set the number of the one place. However, if the ID ALL button is pressed, the projector can be controlled regardless of the ID number of the projector (simultaneous control mode).

- If the ID SET button is pressed, the ID number goes back to the one set before pressing the ID SET button unless the NEXT button and a numeric button are pressed within five seconds after the ID SET button is pressed.
- Do not press the ID SET button accidentally or carelessly because the ID number on the remote control can be set even when no projector is around.
- Your specified ID number is stored in the remote control unit unless another one is specified later. However, the stored ID will be erased if the batteries of the remote control are left exhausted. When the dry cells are replaced, set the same ID number again.

7. Support for Service

7.1. Supporting Methods

We will support according to the following methods.

Supporting methods	Applied parts
Replaced by module or block	Ballast power supply
Replaced by discrete components	Other components
Replaced at the manufacturing department	Optical block unit (including DMD™ devices) [FM] DMD™ drive module

7.2. Note for Replacement of P.C.Boards

7.2.1. When replacing the A-P.C.Board

- Transfer the data of the original A-P.C.Board to the new A-P.C.Board using the adjustment software and a personal computer. (If you cannot transfer the data, remove IC2611, IC2618, and IC2619 from the original board and mount them on the new board.)

* For the adjustment software, consult an authorized service center.

7.2.2. When replacing the X-P.C.Board

- Be sure to turn off the MAIN POWER switch before removing the X-P.C.Board. If replacing this board during standby condition, the projector may suffer damage.
- After replacing the X-P.C.Board, no adjustment is necessary.

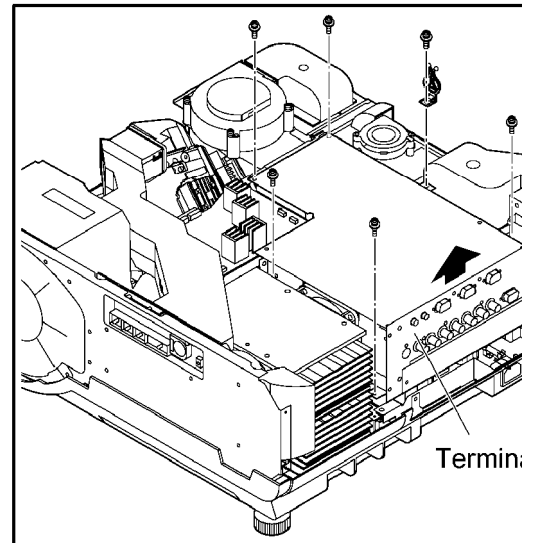
7.3. Jig for X-P.C.Board

To check the X-P.C.Board during operation, a jig is necessary. (Jig part number: TZSH07011)

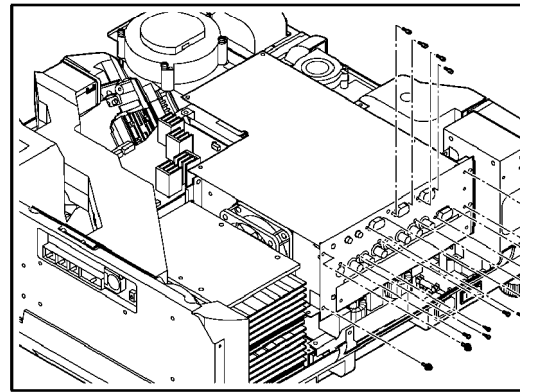
* Consult an authorized service center to get the jig.

Connecting the jig

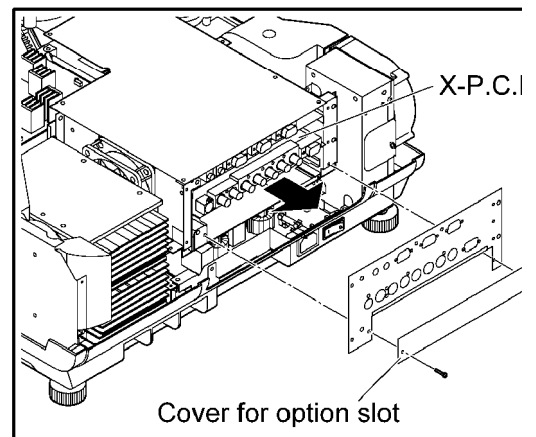
- (1) Follow "11.3" to remove the upper cover.
- (2) Unscrew the screw on the harness clumper, 2 screws on the A-P.C.Board, and the 3 screws terminal block and lift the block a little.



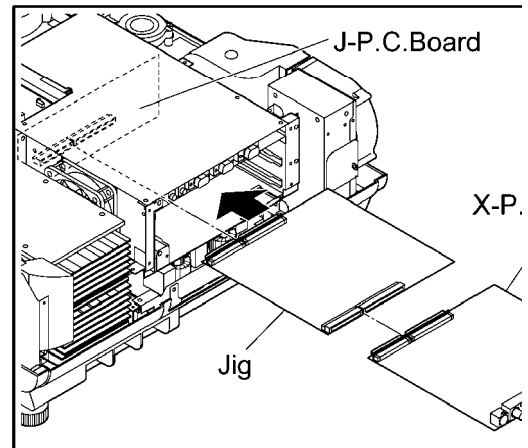
- (3) Unscrew the 8 hexagon screws and 9 screws on the terminal plate.



- (4) Unscrew the 2 screws on the cover for option slot.
- (5) Slide out the X-P.C.Board to disconnect it from the connectors on the J-P.C.Board.



- (6) Instead of the X-P.C.Board, connect the jig into the connector on the J-P.C.Board.
- (7) Connect the X-P.C.Board into the connector on the jig.



7.4. Replacement of the lithium battery on the R-P.C.Board


If the lithium battery becomes exhausted, replace it with a new one.

Cautions

- Explosion may occur if replacing the battery with an incorrect one.
- Dispose of used batteries according to the instructions.

8. Cautions for Service

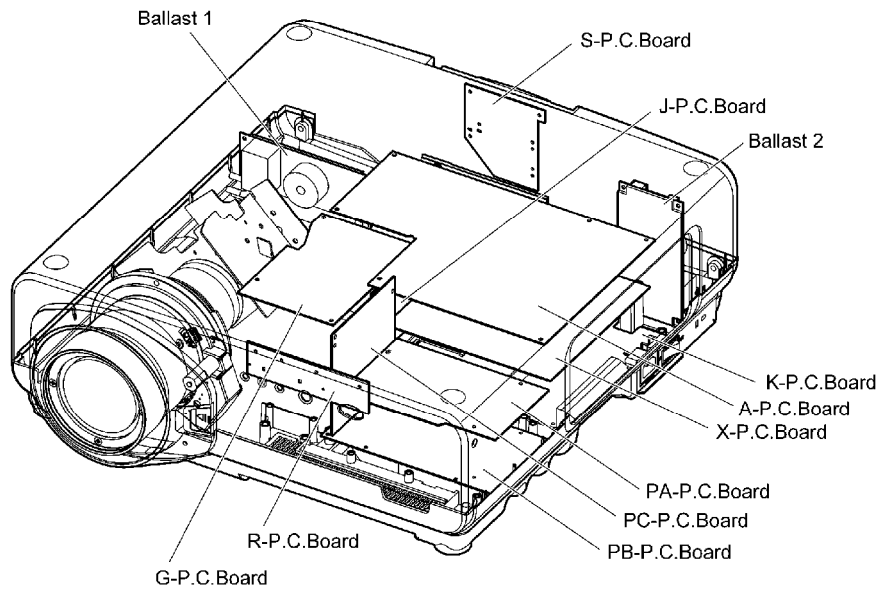
- Never unplug the power cord from the outlet, open the circuit breaker, or perform other procedures to cut off the power line during the operation of any cooling fan.

To turn off the projector, press the POWER OFF () button on the remote control unit or projector and wait about four minutes until the cooling fans stop (The power indicator lamp on the projector illuminates in orange).

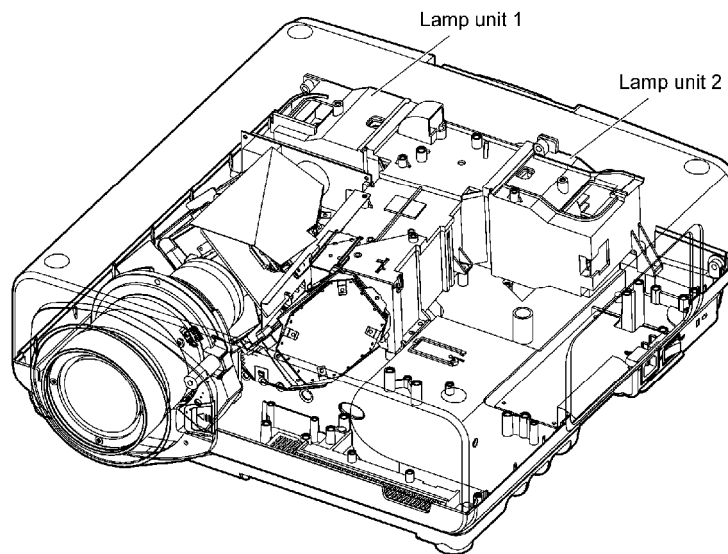
- Be sure to check that the cooling fans have stopped (The power indicator lamp illuminates in red). After that, turn off the MAIN POWER switch.
- This projector emits strong light, so never look into the lens. If doing so, your eyes can suffer damage.

9. Parts Location

9.1. Electrical Parts Location



9.2. Electromechnical Parts Location



10. Replacement of Lamp Unit

Cautions

- Wait until the lamp cools completely before removing the lamp unit.

10.1. Notes for Lamp Unit Replacement

- Be careful to handle a lamp because the lamp may burst if hitting it with solid objects or if dropping it. The lamp has high air pressure in the bulb.
- A used lamp may burst if handling carelessly, so ask an industrial waste disposal contractor.

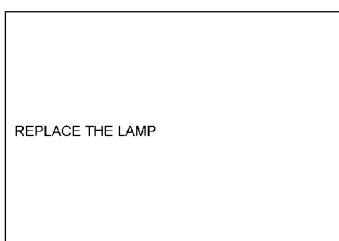
- Do not reset the cumulative time, except when the lamp unit has been replaced with a new one.
- If you continue to use a lamp after the time to be replaced, the lamp may burst.
- A Philips screwdriver is necessary when replacing the lamp unit. Be careful not to slip your hand when using a screwdriver.
- The lamp unit is an optional part. Contact your dealer for a replacement part.
Lamp unit No.: ET-LAD7500 (single bulb), ET-LAD7500W (double bulbs)
Rating: 300 W 65 V
- You cannot use a lamp other than the above. Be sure to use the specified one.

10.2. Timing of Lamp Unit Replacement

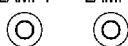
The lamp has a life of about 1500 hours when the lamp output is HIGH, but the life depends on characteristics of individual lamps and operating conditions. The life is affected by the number of times the lamp turns on and off and by the interval from when the lamp turns off and turns on, so the lamp may go dead before reaching 1500 hours and it is strongly recommended to keep a spare lamp. If the lamp is not replaced after 1300 hours, the projector will be automatically turned off and set to the standby mode at the time of 1500 hours

• Indication after 1300 hours

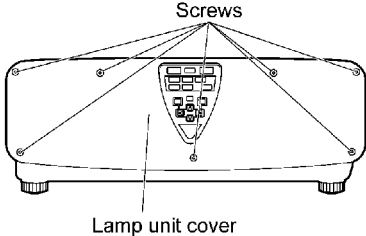
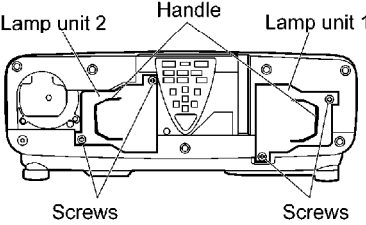
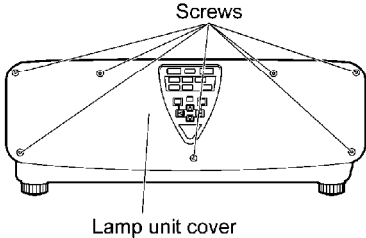
When the lamp unit used hours have reached 1300 hours, the lamp monitor (LAMP 1 or LAMP 2) lights up during operation or standby and the on-screen display will appear for about 30 seconds as shown at right to recommend the lamp unit replacement. (The on-screen display will also disappear when pressing any button on the remote control unit or projector.) After 1500 hours, the on-screen display will not disappear unless you use the MENU button.



10.3. Lamp Monitor

	Lighting mode	State	Check point	Action
Lamp Monitor LAMP1 LAMP2 	Lights up in red.	Indicates that the lamp unit should be replaced.	Does not the indication "REPLACE THE LAMP" appear when turning on the projector?	The lamp used hours has reached 1300 hours or more, so ask your dealer to replace the lamp unit.
	Blinks three times.	Detects the malfunction of the lamp circuit.	Is the AC power source voltage lower than the rated?	Follow steps (1) to (3) of "5.8." to turn off the MAIN POWER switch and consult your dealer.

10.4. Procedure of Lamp Unit Replacement

<p>1. Turn the projector off by following steps (1) to (3) of "5.8.", remove the power plug and check that the surroundings of the lamp unit have cooled off.</p> <p>2. Use a Phillips screwdriver to remove the 7 screws on the lamp unit cover located on the rear of the projector.</p> <p>3. Remove the lamp unit cover.</p>	
<p>4. Use a Phillips screwdriver to loosen the 2 screws on the lamp unit to be replaced until the screws turn freely. Then hold the handle of the lamp unit and gently pull it out from the projector.</p> <div data-bbox="347 808 831 981" style="border: 1px solid black; padding: 5px;"> <p>Caution</p> <p>The lamp unit will be hot after it has been used. You may get burned if you touch it while it is still hot.</p> </div>	
<p>5. Install the new lamp unit.</p>	
<p>6. Use a Phillips screwdriver to tighten the 2 screws on the lamp unit.</p>	
<p>7. Install the lamp unit cover, and use a Phillips screwdriver to tighten the 7 screws on the lamp unit cover.</p> <div data-bbox="363 1350 831 1451" style="border: 1px solid black; padding: 5px;"> <p>Caution</p> <ul style="list-style-type: none"> Firmly install the lamp unit and lamp unit cover. If not installed firmly, a protection circuit will function and the power will not be turned on. </div>	

NOTE:

- Be sure to follow steps 8 to 14 in ten minutes after turning on the projector because the projector is turned off in ten minutes if the RUNTIME indication is 1 500h or more.

8. Insert the power cord plug into the wall outlet and then press the MAIN POWER switch.

Note • If the power does not turn on even after turning the MAIN POWER switch "I", turn the MAIN POWER switch to "O", check that the lamp unit and door are installed correctly, and turn it on again.

9. Press the "I" (POWER) button to project a picture.

10. Press the MENU button to display the MAIN MENU screen, and press the ▲ and ▼ buttons to select "OPTION".

MAIN MENU	
PICTURE	
POSITION	
LANGUAGE	
OPTION	
TEST PATTERN	
REGISTERED SIGNAL LIST	

▲▼:MENU SELECT
ENTER:SUB MENU

11. Press the ENTER button to display the OPTION screen, and then use the ▲ and ▼ buttons to select "LAMP1 RUNTIME" or "LAMP2 RUNTIME".

OPTION	
ID	2
SETTING	FRONT-F
LAMP1 RUNTIME	1310h
LAMP2 RUNTIME	1310h
LAMP SELECT	DUAL
LAMP POWER	HIGH
LAMP COOLING TIME	SHORT
RS232C SETTING	
RGB2 SELECT	RGB1 OUT
OSD POSITION	1

▲▼:MENU SELECT
ENTER:INITIALIZE

12. Press and hold the ENTER button for approximately 3 seconds.
The item "LAMP RESET" will be added.

Note • When you press the MENU button, the lamp reset display disappears.

13. Press the ▲ and ▼ buttons to select the lamp setting.

LAMP1: When replacing the LAMP UNIT 1
LAMP2: When replacing the LAMP UNIT 2
DUAL: When replacing the LAMP UNIT 1 and LAMP UNIT 2

OPTION	
ID	2
SETTING	FRONT-F
LAMP1 RUNTIME	1310h
LAMP2 RUNTIME	1310h
LAMP RESET	DUAL
LAMP SELECT	DUAL
LAMP POWER	HIGH
LAMP COOLING TIME	SHORT
RS232C SETTING	
RGB2 SELECT	RGB1 OUT

▲▼:MENU SELECT
◀▶:CHANGE ENTER:EXECUTE

14. Press the ENTER button. When "OK?" is displayed, press the ENTER button.

The used hours of the specified lamp unit will be reset to zero.

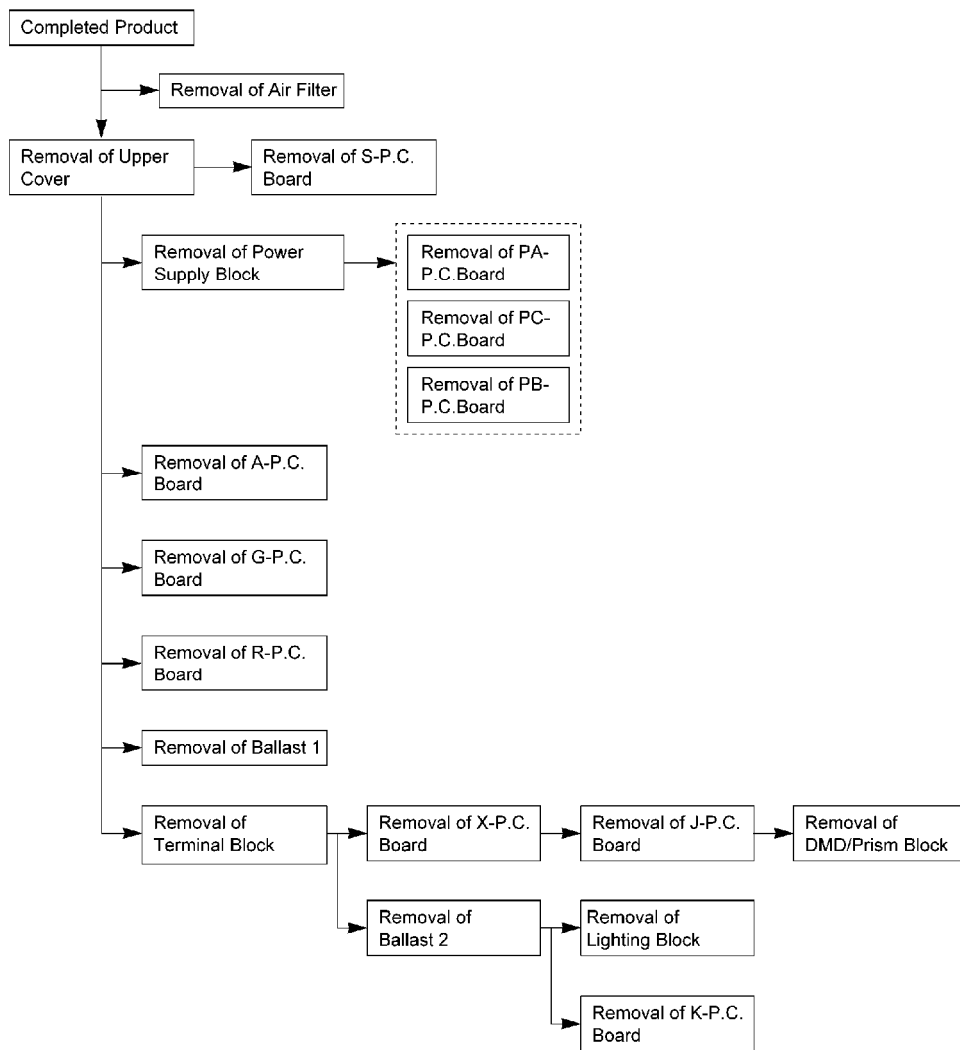
OPTION		OK?
ID	2	
SETTING	FRONT-F	
LAMP1 RUNTIME	1310h	
LAMP2 RUNTIME	1310h	
LAMP RESET	DUAL	
LAMP SELECT	DUAL	
LAMP POWER	HIGH	
LAMP COOLING TIME	SHORT	
RS232C SETTING		
RGB2 SELECT	RGB1 OUT	

ENTER:EXECUTE MENU:ESC

11. Disassembly Instructions

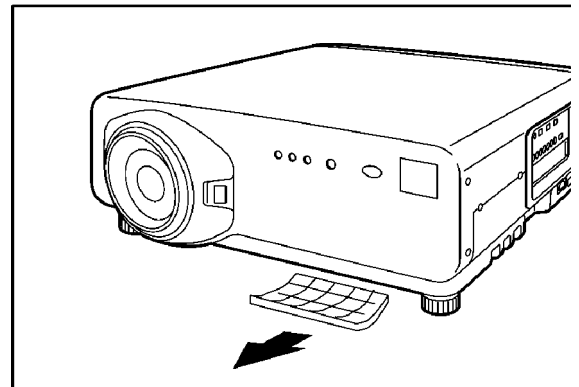
11.1. Flowchart for Disassembly

To assemble, reverse the disassembly procedures.

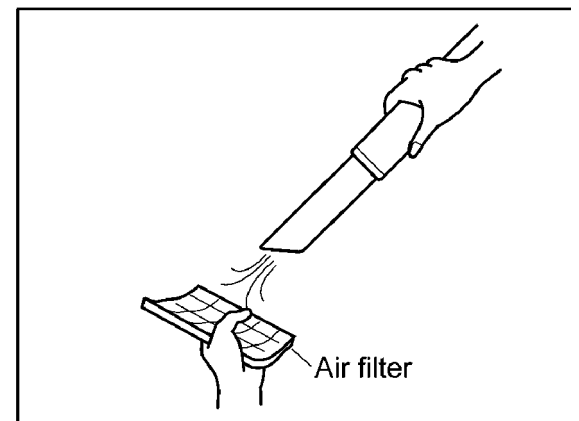


11.2. Air Filter Cleaning

(1) Pull out the air filter to remove it.



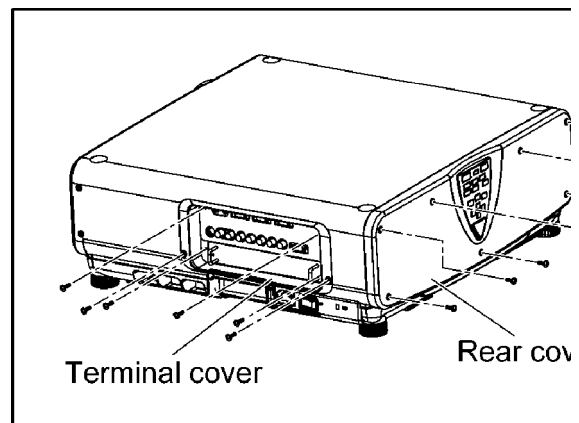
(2) Clean the air filter using a vacuum cleaner.



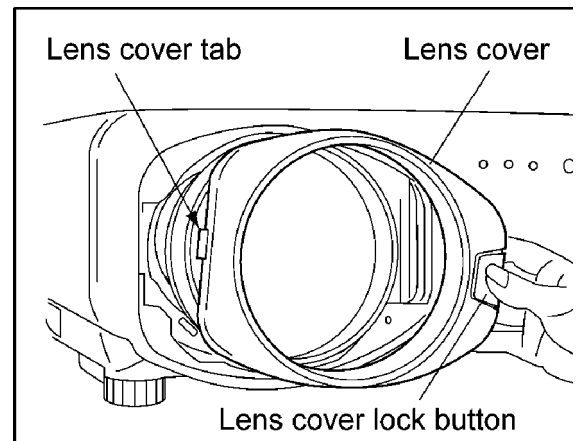
11.3. Removal of Upper Cover

(1) Unscrew the 7 screws to remove the rear cover.

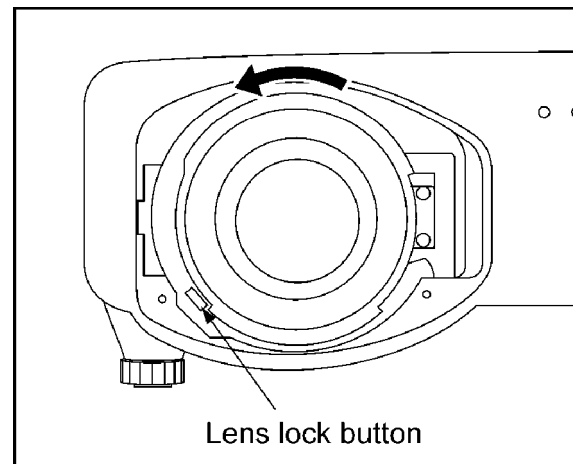
(2) Unscrew the 6 screws to remove the terminal cover.



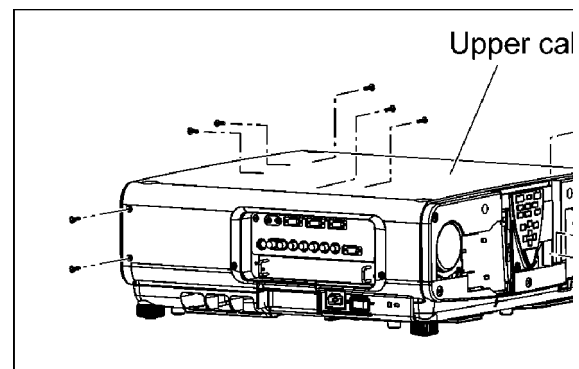
- (3) While pressing the lens cover lock button, pull the lens cover forward to remove it.
(Be careful not to damage the tab on the left side of the lens cover.)



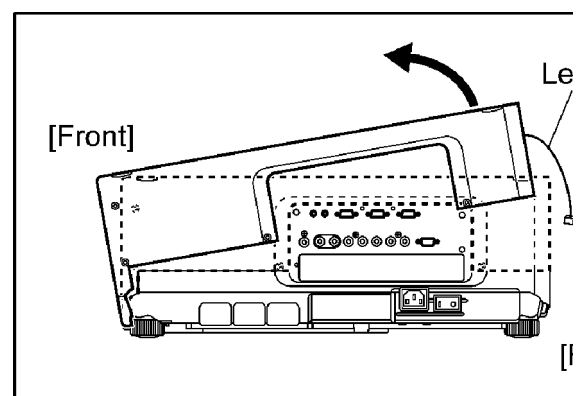
- (4) While pressing the lens lock button, turn the lens counterclockwise to remove it.



- (5) Unscrew the 2 screws on the front.
(6) Unscrew the 6 screws on the sides.
(7) Unscrew the 2 screws on the rear.

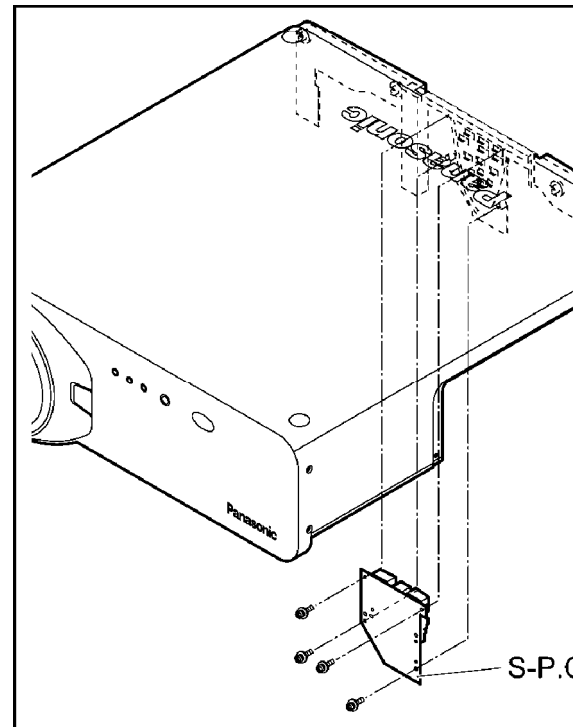


- (8) Lift the rear cover's side of the upper cover to disconnect the A26 connector and to remove the lead wires from the clamber.
After that, remove the upper cover while tilting it forward.
(Becareful to prevent entanglement with the lead wires from the control panel.)

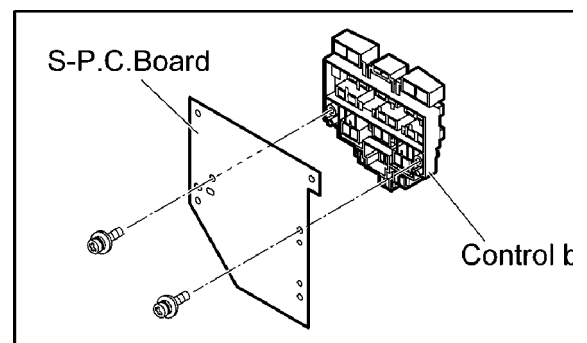


11.4. Removal of S-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Unscrew the 4 screws on the S-P.C.Board.

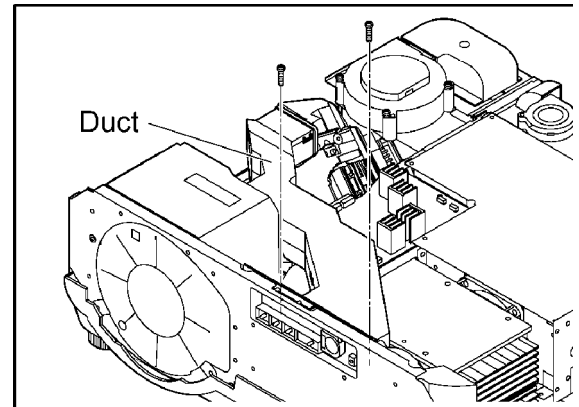


- (3) Unscrew the 2 screws to remove the control buttons.
- (4) Disconnect the S1 connector and remove the S-P.C.Board.

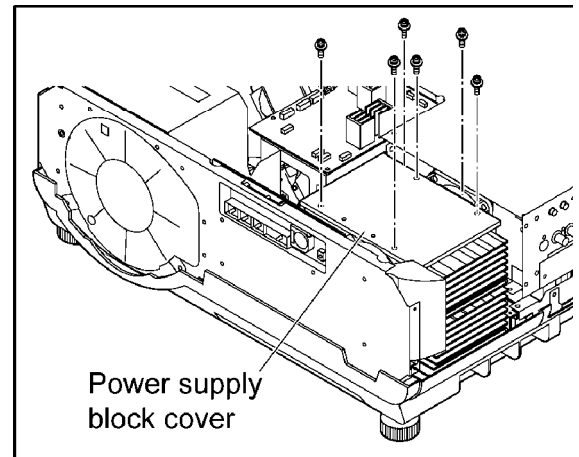


11.5. Removal of Power Supply Block

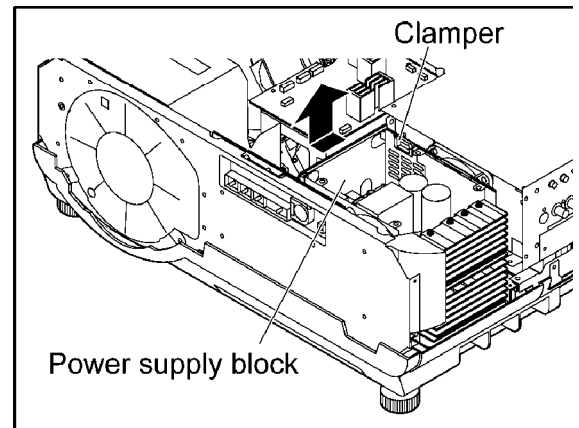
- (1) Follow "11.3."to remove the upper cover.
- (2) Unscrew the 2 screws to remove the duct.



- (3) Unscrew the 2 screws on the power supply block.
- (4) Unscrew the 4 screws on the power supply block cover to remove it.

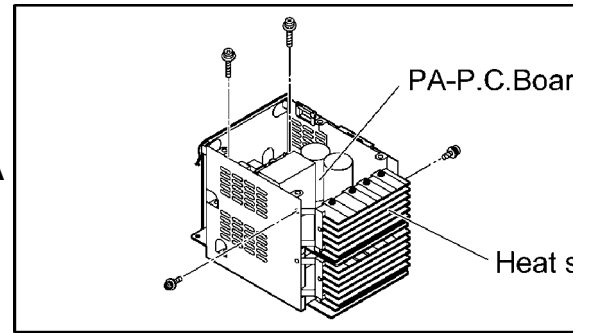


- (5) Disconnect the PA1, PA2, and PA3 connectors and unlock the clumper.
- (6) Disconnect all the connectors on the PC-P.C.Board.
- (7) Slide the power supply block to the center direction of the projector to remove it from the chassis.



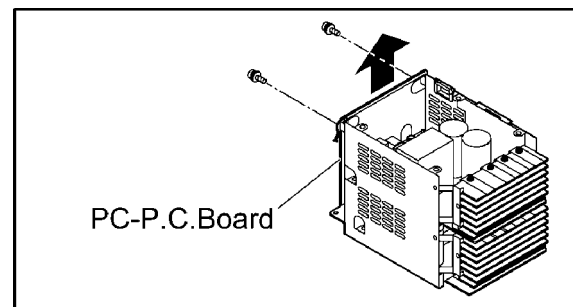
11.6. Removal of PA-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Follow "11.5." to remove the power supply block.
- (3) Unscrew the 2 screws on the upper heat sink.
- (4) Unscrew the 2 screws (18-mm screws) on the PA-P.C.Board.
- (5) Disconnect the PA2 and PA5 connectors.



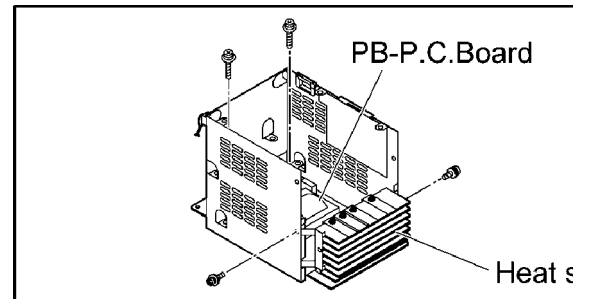
11.7. Removal of PC-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Follow "11.5." to remove the power supply block.
- (3) Unscrew the 2 screws on the PC-P.C.Board.
- (4) Lift the PC-P.C.Board to disconnect it from the connectors on the PB-P.C.Board.



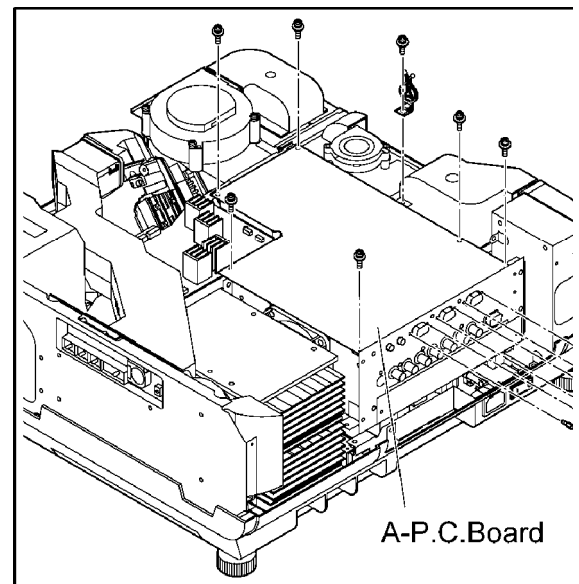
11.8. Removal of PB-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Follow "11.5." to remove the power supply block.
- (3) Follow "11.6." to remove the PA-P.C.Board.
- (4) Follow "11.7." to remove the PC-P.C.Board.
- (5) Unscrew the 2 screws on the under heat sink.
- (6) Unscrew the 2 screws on the PB-P.C.Board.
- (7) Remove the PB-P.C.Board.

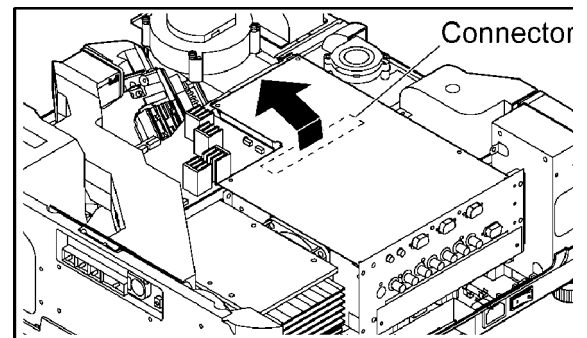


11.9. Removal of A-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Disconnect all the connectors on the A-P.C.Board.
- (3) Unscrew the screw on the harness clumper.
- (4) Unscrew the 6 screws on the A-P.C.Board.
- (5) Unscrew the 6 hexagon screws on the terminal block.

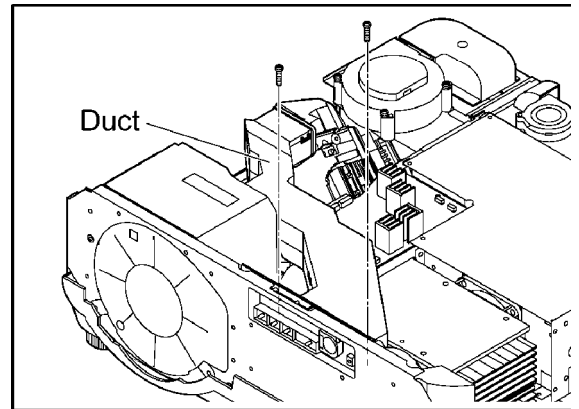


- (6) Lift the connector part of the A-P.C.Board to disconnect the connectors.
- (7) Remove the A-P.C.Board.

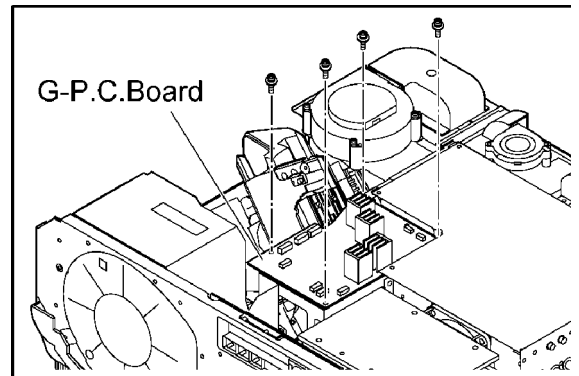


11.10. Removal of G-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Unscrew the 2 screws on the duct.

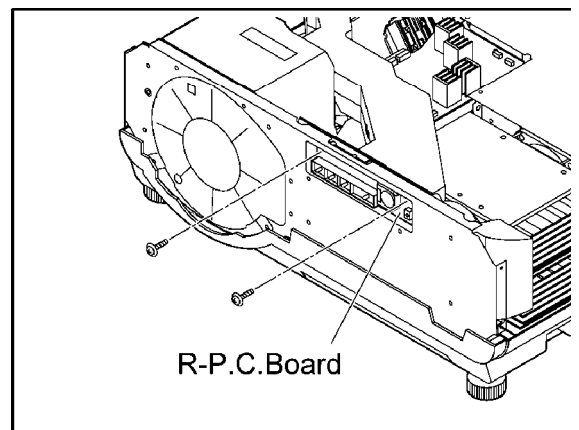


- (3) Disconnect the connectors.
- (4) Unscrew the 4 screws on the G-P.C.Board.



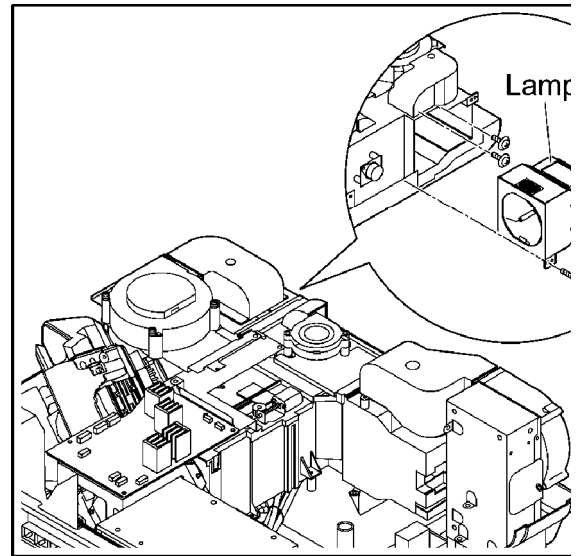
11.11. Removal of R-P.C.Board

- (1) Follow "11.3."to remove the upper cover.
- (2) Unscrew the 2 screws on the R-P.C.Board.
- (3) Disconnect the R1 connector and remove the R-P.C.Board.

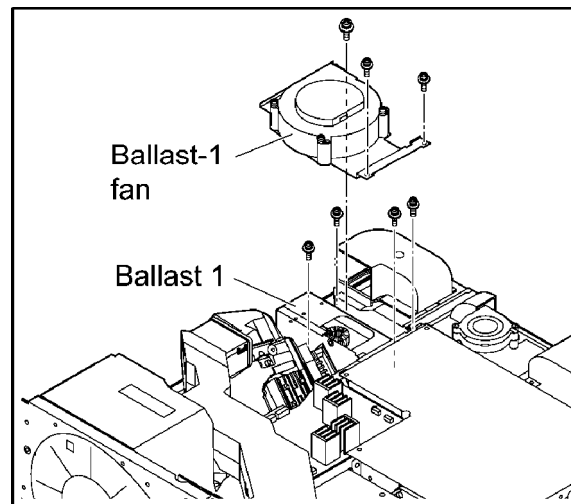


11.12. Removal of Ballast 1

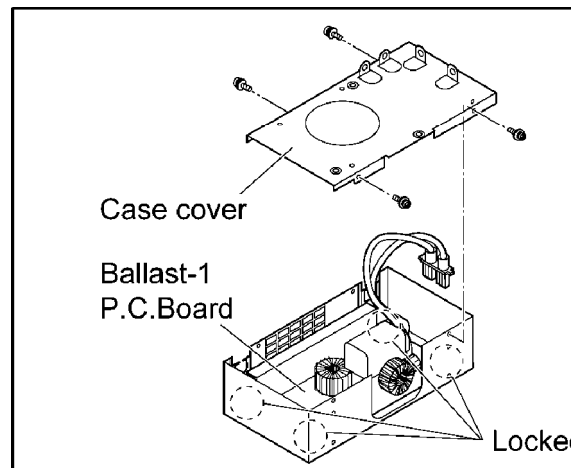
- (1) Follow "11.3." to remove the upper cover.
- (2) Unscrew the 2 screws on the lamp 1 to remove it.
- (3) Unscrew the 2 screws on the lamp-1 connection coupler.



- (4) Unscrew the 3 screws on the bracket for the ballast-1 fan.
- (5) Unscrew the 3 screws on the ballast 1.
- (6) Unscrew the screw that secures the earth wire.

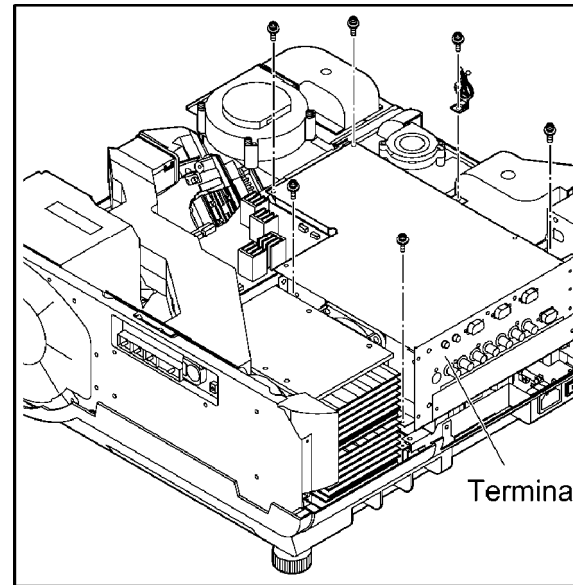


- (7) Unscrew the 4 screws on the case cover.
- (8) Unlock the locked parts of the ballast-1 P.C.Board (4 places) to remove the P.C.Board.



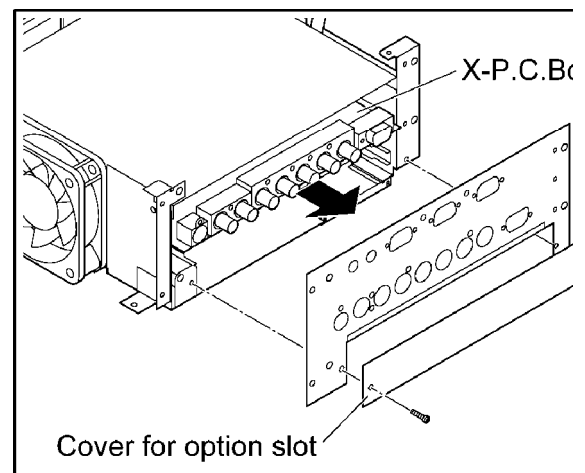
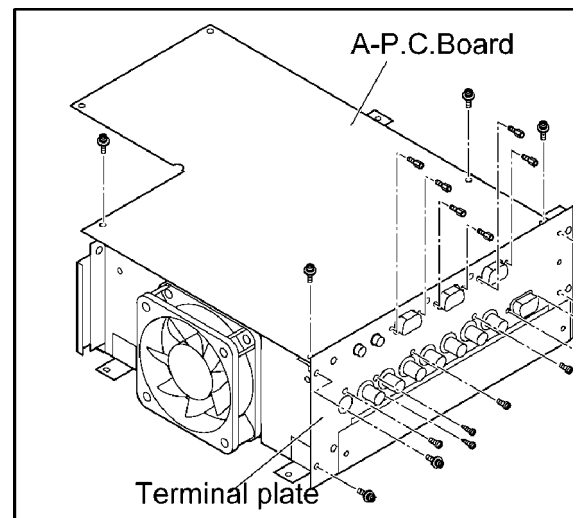
11.13. Removal of Terminal Block

- (1) Follow "11.3." to remove the upper cover.
- (2) Disconnect all the connectors on the A-P.C.Board.
- (3) Unscrew the screw on the harness clumper.
- (4) Unscrew the 2 screws on the A-P.C.Board.
- (5) Unscrew the 3 screws on the terminal block.



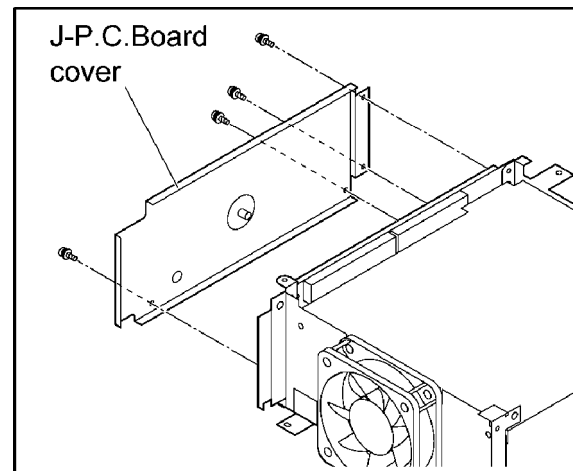
11.14. Removal of X-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Follow "11.13." to remove the terminal block.
- (3) Unscrew the 4 screws on the A-P.C.Board.
- (4) Unscrew the 8 hexagon screws and 9 screws.
- (5) Unscrew the 2 screws on the cover for option slot.
- (6) Slide out the X-P.C.Board to disconnect it from the connectors on the J-P.C.Board.

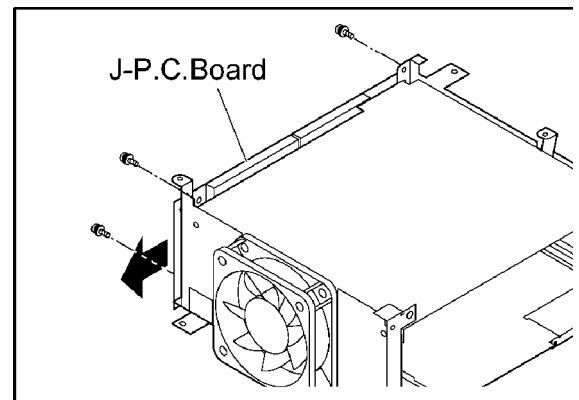


11.15. Removal of J-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Follow "11.13." to remove the terminal block.
- (3) Follow "11.14." to remove the X-P.C.Board
- (4) Unscrew the 4 screws on the J-P.C.Board cover.

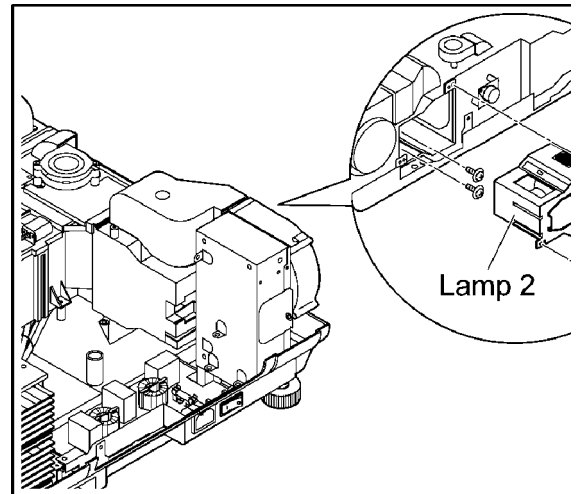


- (5) Unscrew the 3 screws to remove the J-P.C.Board.

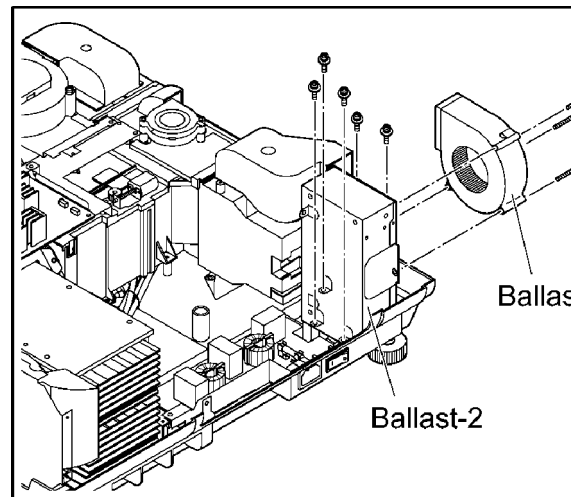


11.16. Removal of Ballast 2

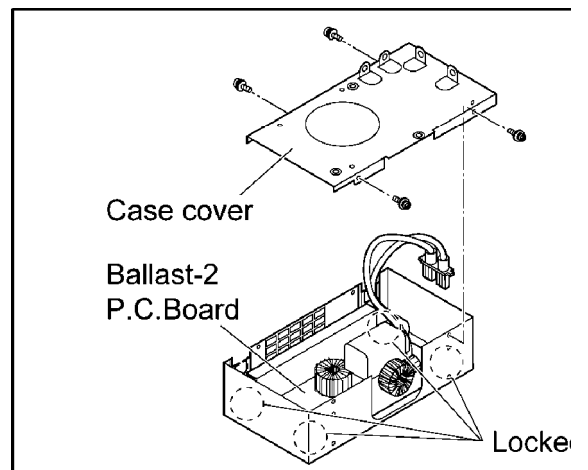
- (1) Follow "11.3." to remove the upper cover.
- (2) Unscrew the 2 screws on the lamp 2 to remove it.
- (3) Unscrew the 2 screws on the lamp-2 connection coupler.



- (4) Unscrew the 3 screws on the ballast-2 fan.
- (5) Unscrew the 5 screws on the ballast 2.

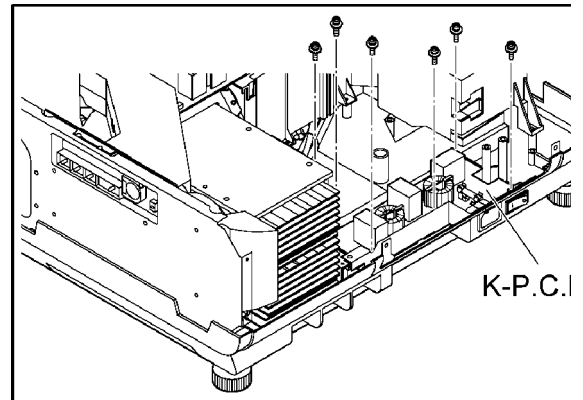


- (6) Unscrew the 4 screws on the case cover.
- (7) Unlock the locked parts of the ballast-2 P.C.Board (4 places) to remove the P.C.Board.



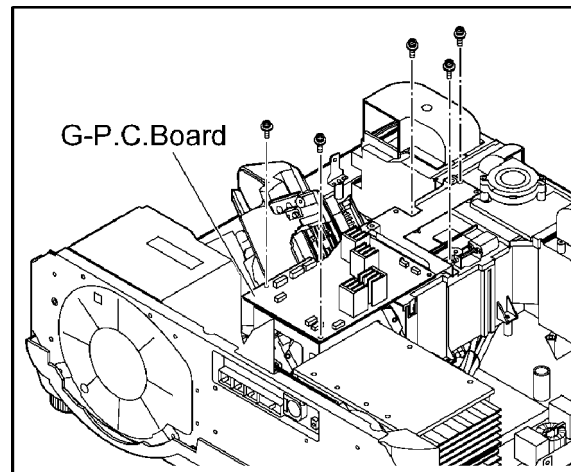
11.17. Removal of K-P.C.Board

- (1) Follow "11.3." to remove the upper cover.
- (2) Follow "11.13." to remove the terminal block.
- (3) Follow "11.16." to remove the ballast 2.
- (4) Disconnect all the connectors on the K-P.C.Board.
- (5) Unscrew the 5 screws on the K-P.C.Board and the screw for the earth to remove the P.C.Board.

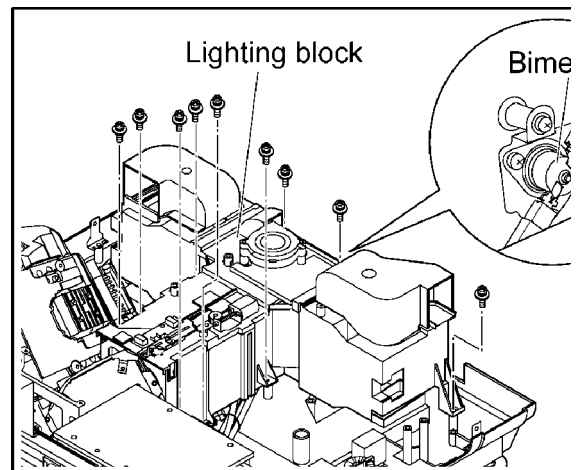


11.18. Removal of Lighting Block

- (1) Follow "11.3." to remove the upper cover.
- (2) Follow "11.13." to remove the terminal block.
- (3) Follow "11.16." to remove the ballast 2.
- (4) Follow "11.12." to remove the ballast 1.
- (5) Unscrew the 2 screws on the G-P.C.Board and 3 screws on its bracket.

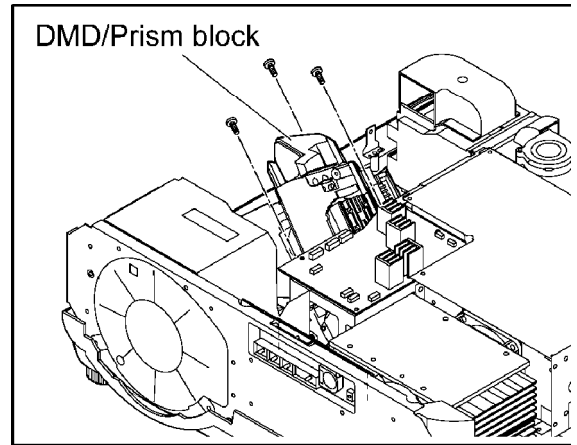


- (6) Unscrew the 9 screws on the lighting block and disconnect the bimetal connector.



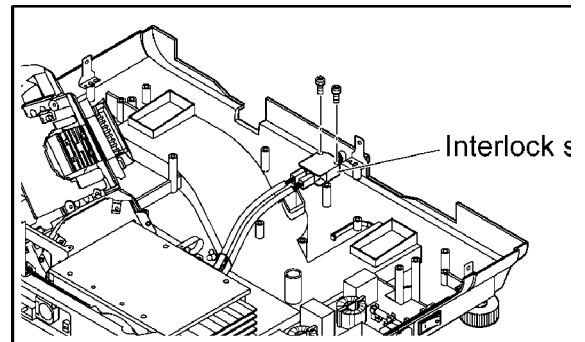
11.19. Removal of DMD/Prism Block

- (1) Follow "11.3." to remove the upper cover.
- (2) Unscrew the 2 screws to remove the duct.
- (3) Unscrew the 3 screws to remove the fan block.
- (4) Remove the flexible cables and disconnect the connectors.
- (5) Unscrew the 3 screws on the DMD/prism block.



11.20. Removal of Interlock Switch

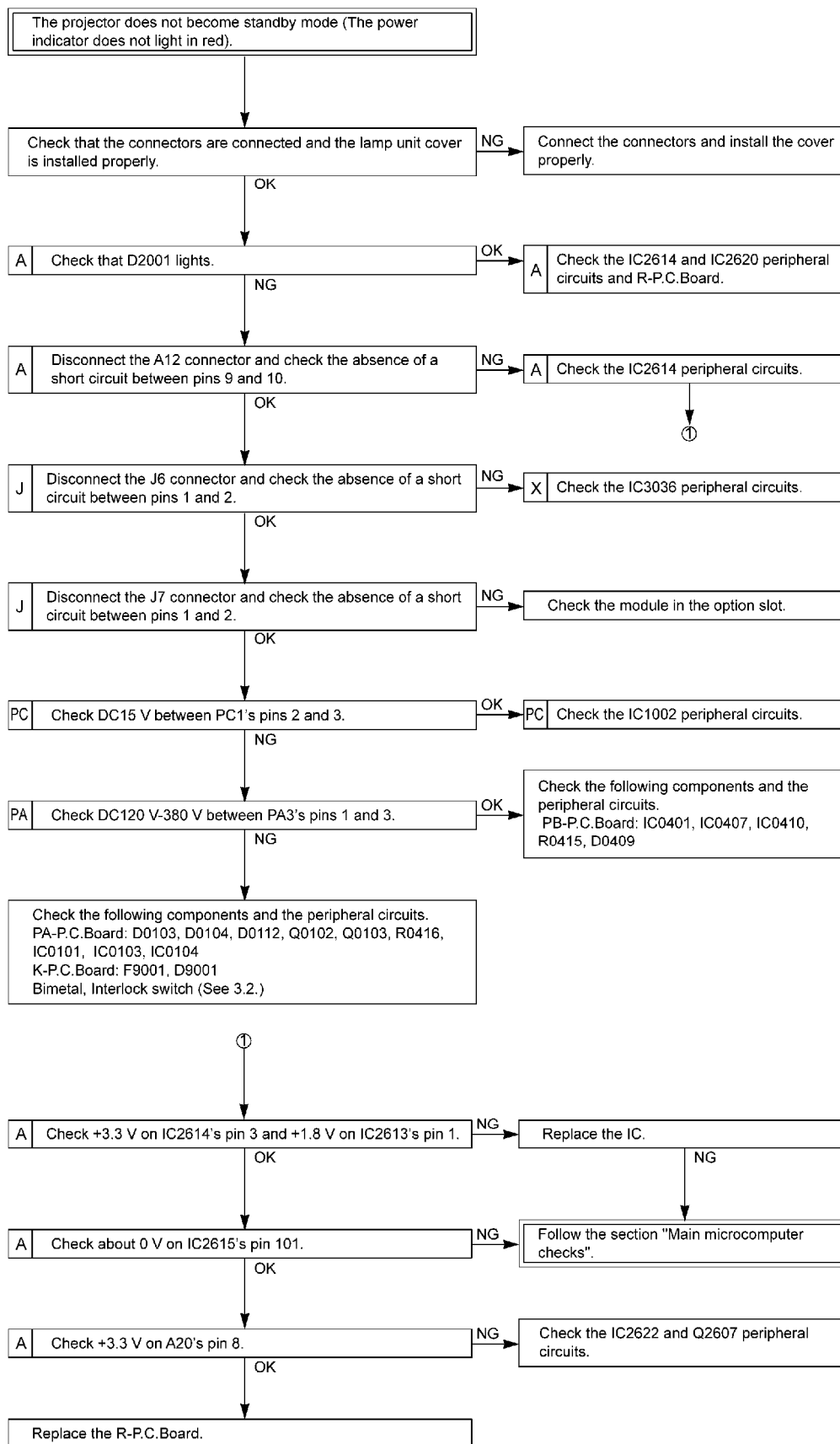
- (1) Follow "11.3." to remove the upper cover.
- (2) Follow "11.13." to remove the terminal block.
- (3) Follow "11.16." to remove the ballast 2.
- (4) Follow "11.12." to remove the ballast 1.
- (5) Follow "11.18." to remove the lighting block.
- (6) Disconnect the two connectors.
- (7) Unscrew the 2 screws on the interlock switch.

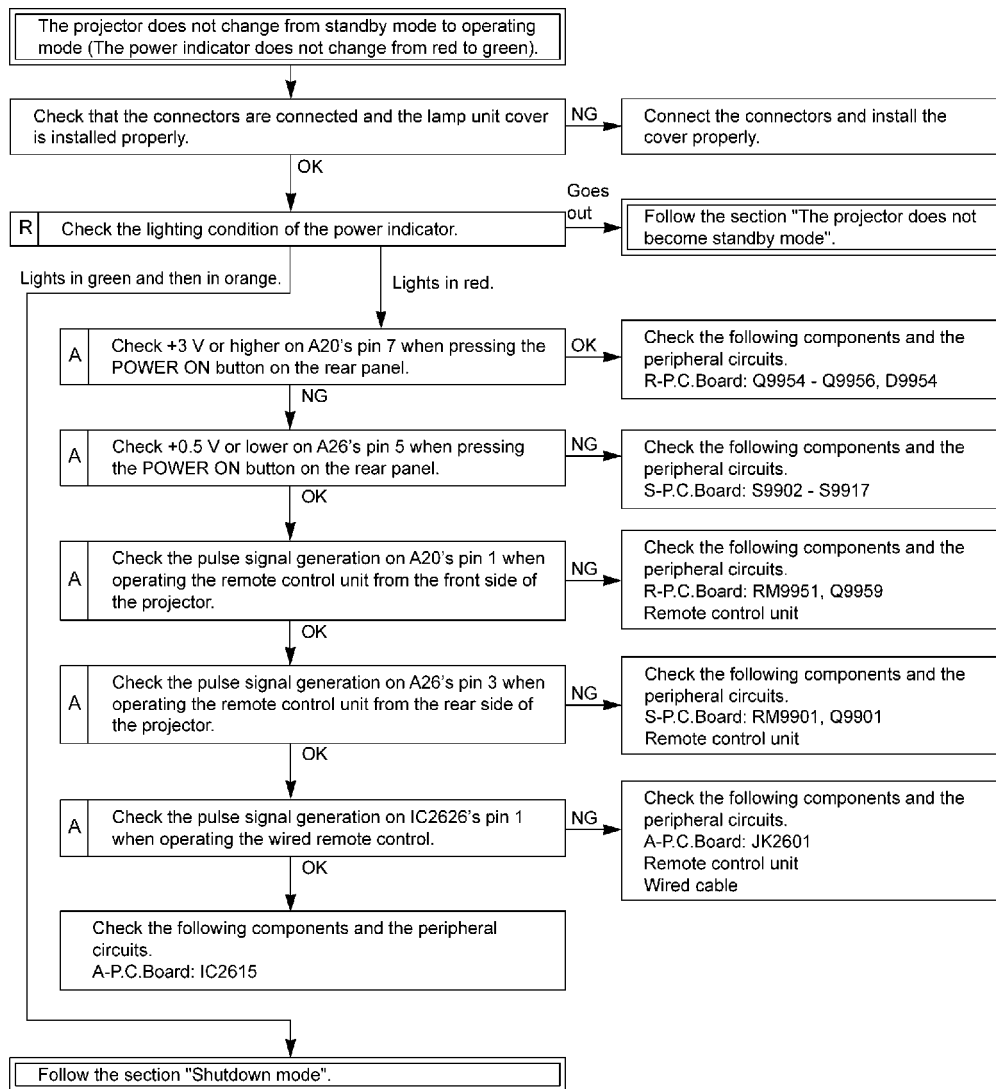


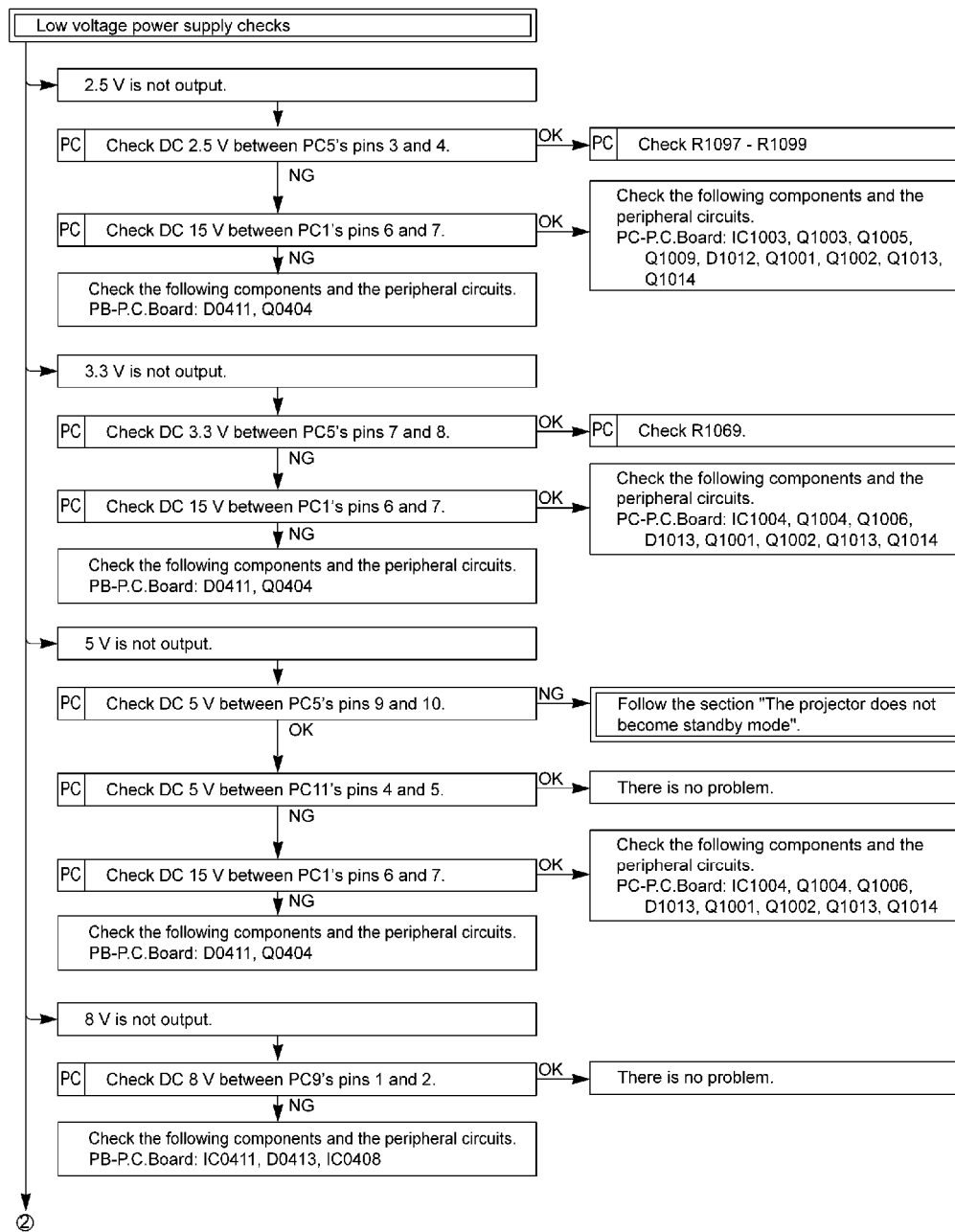
12. Troubleshooting

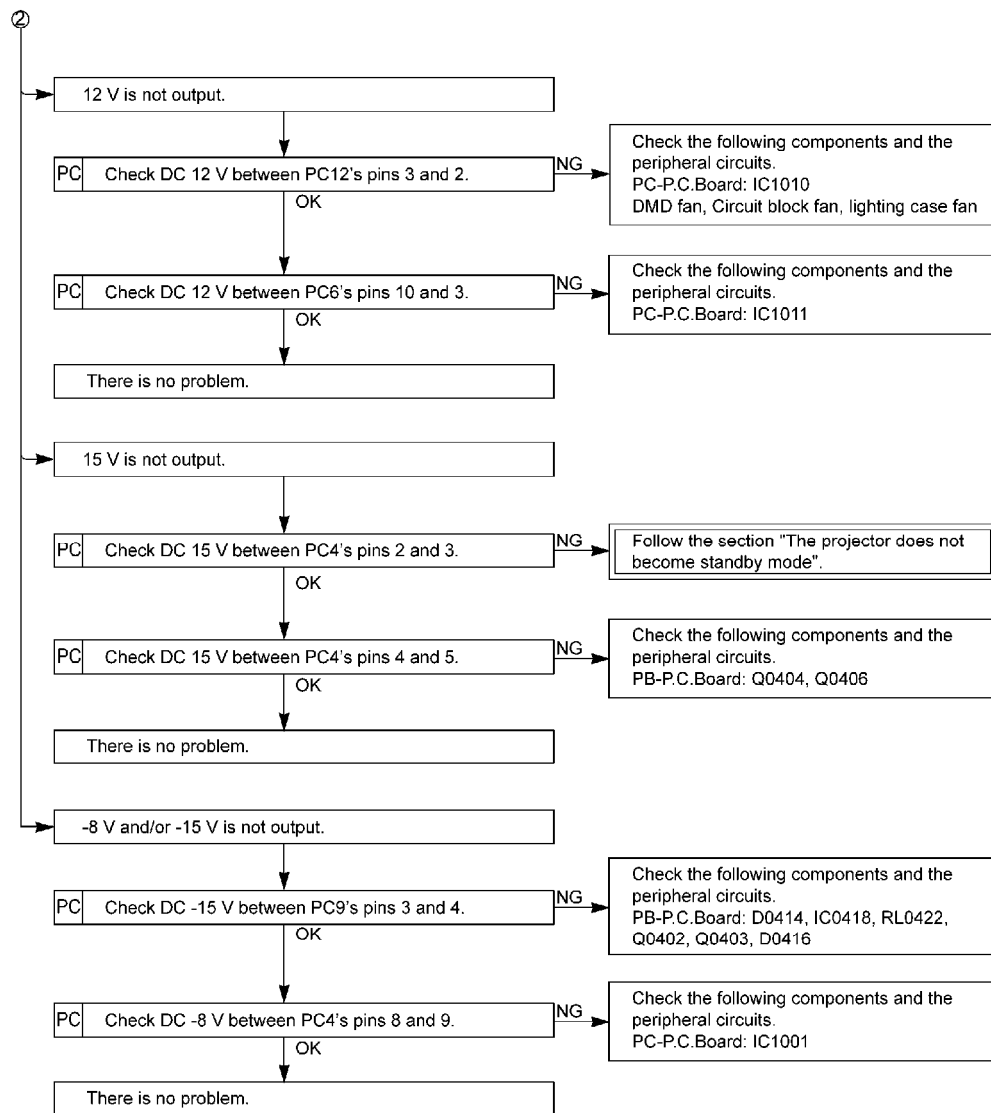
The alphabets in the left box of the inspection items indicate the names of P.C.Boards or modules to be checked.

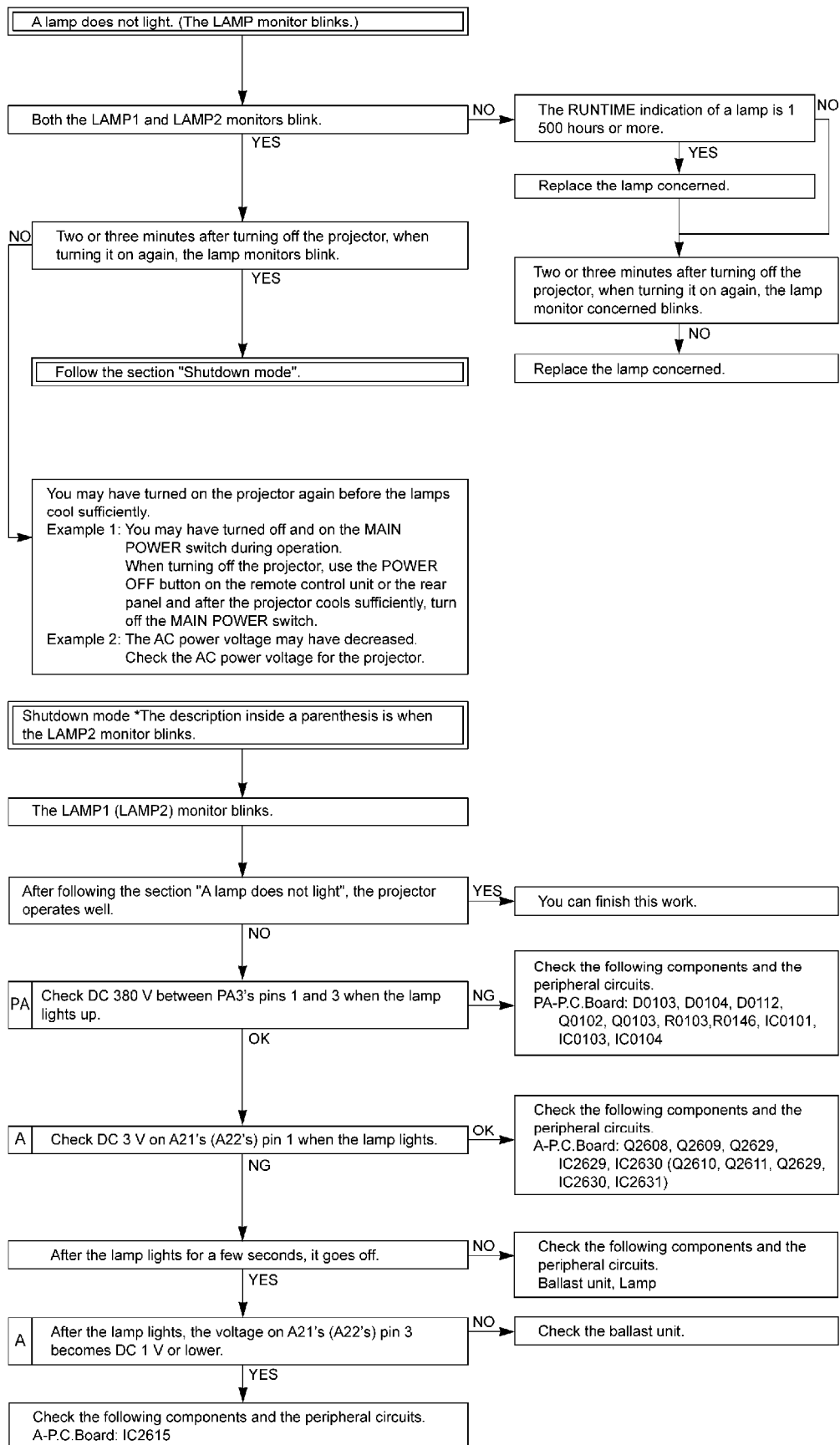
12.1. Power Supply Checks

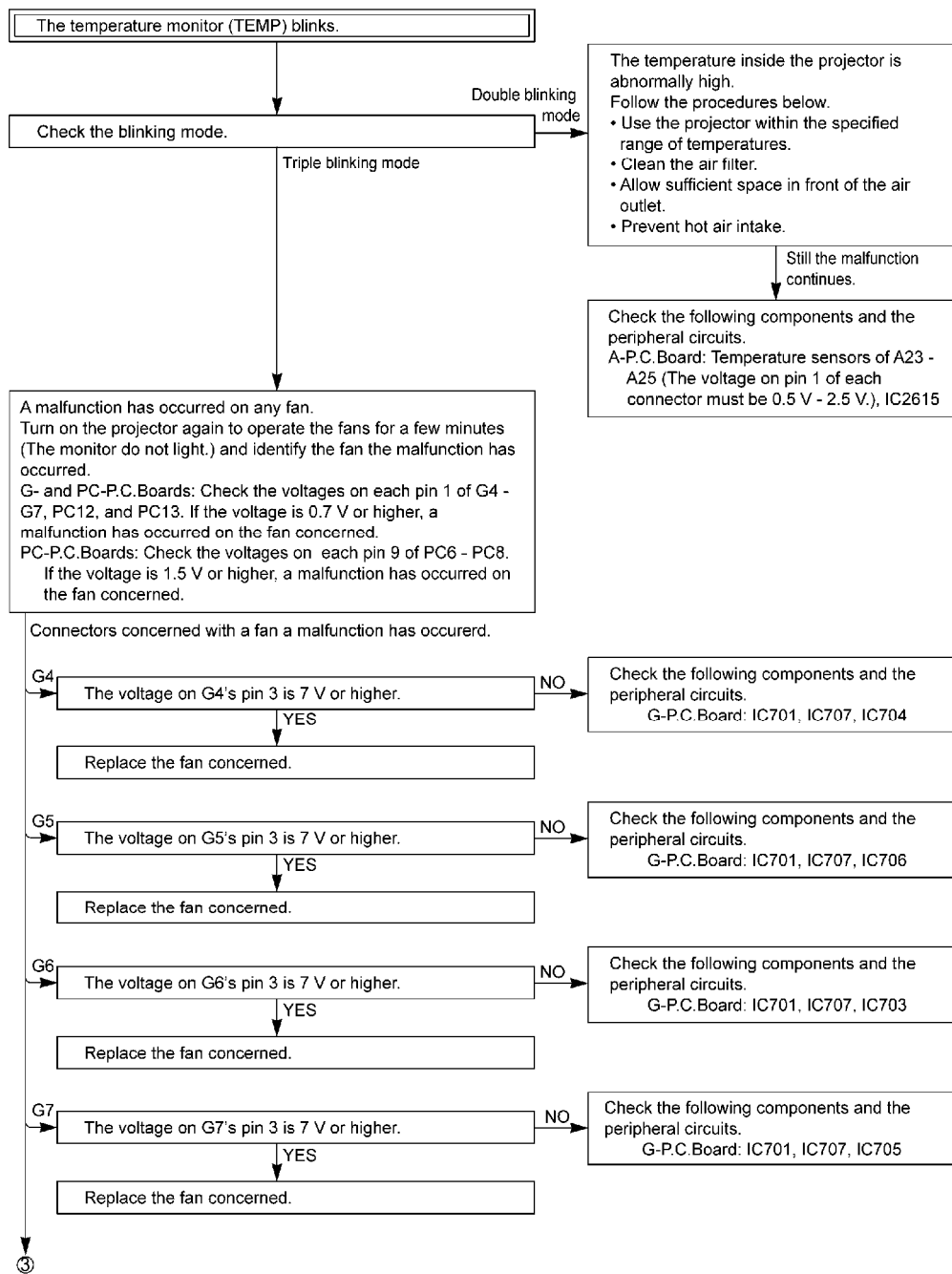


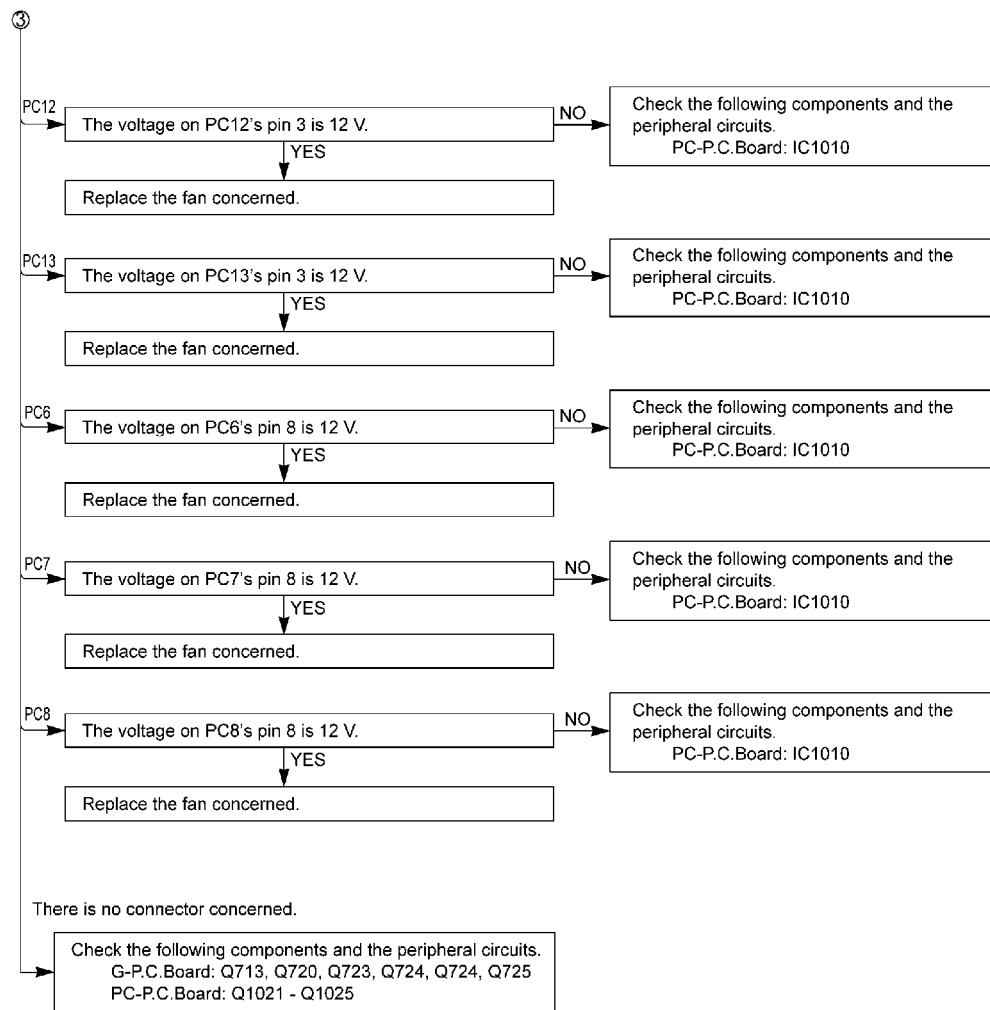




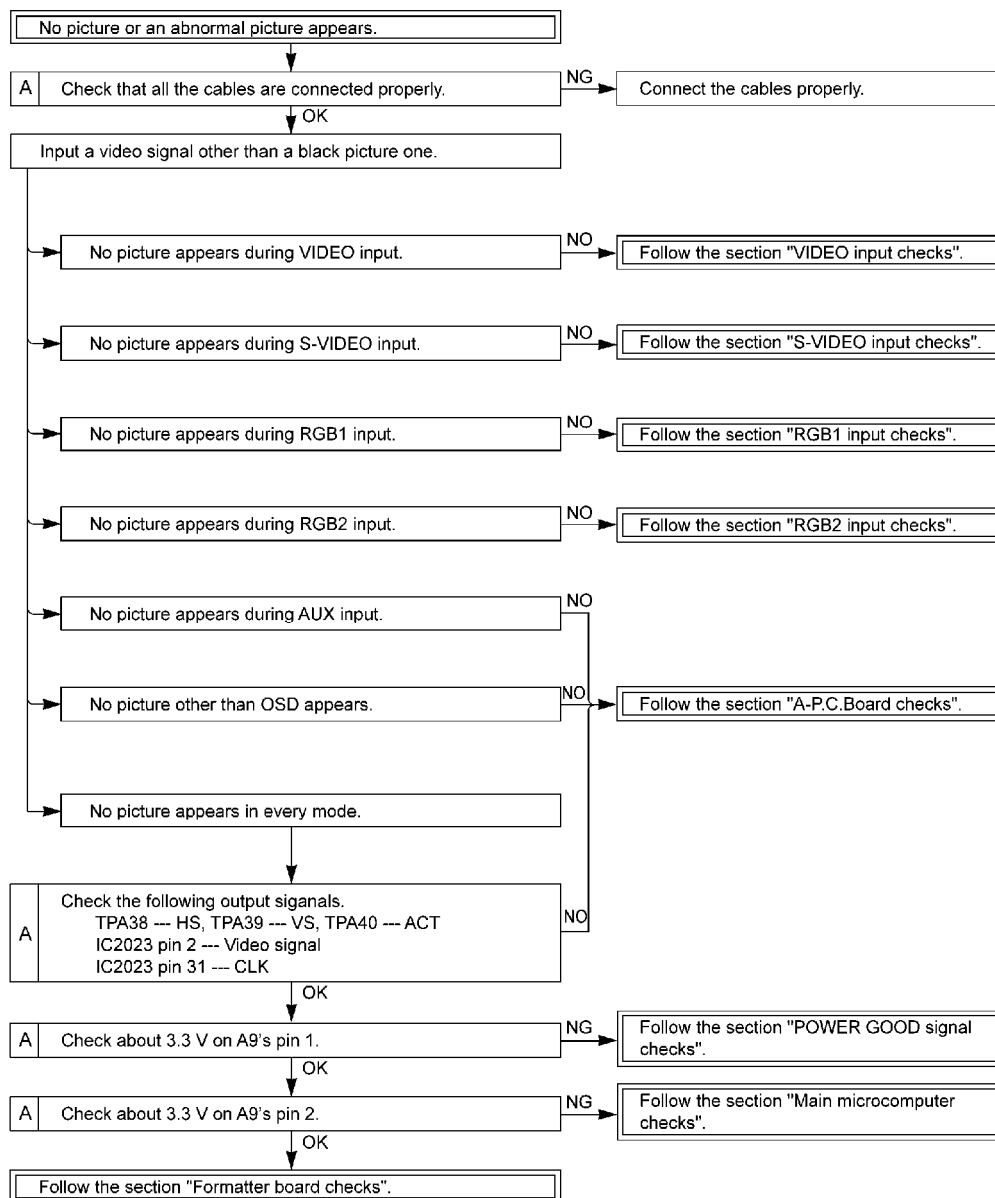


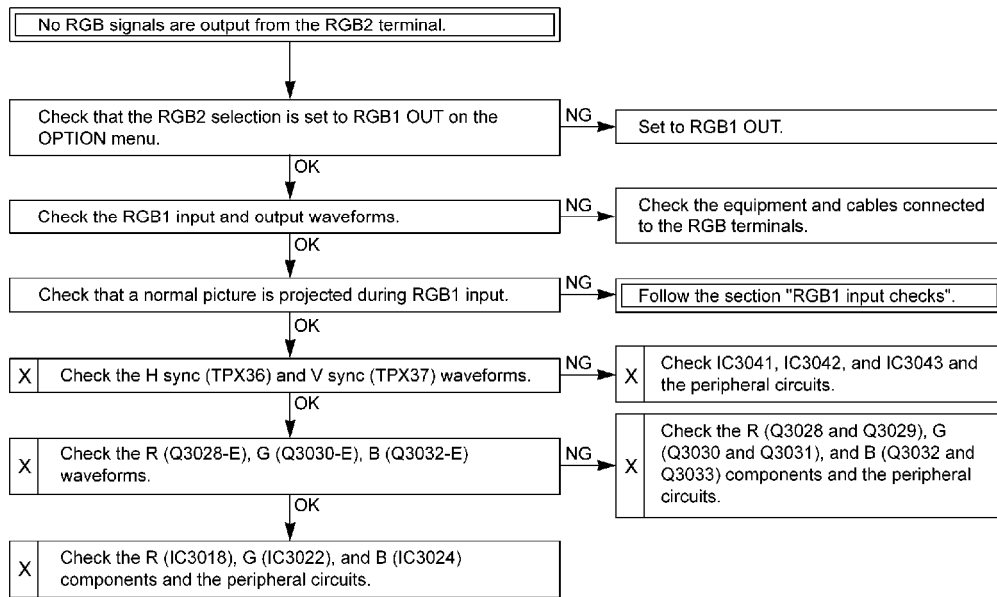


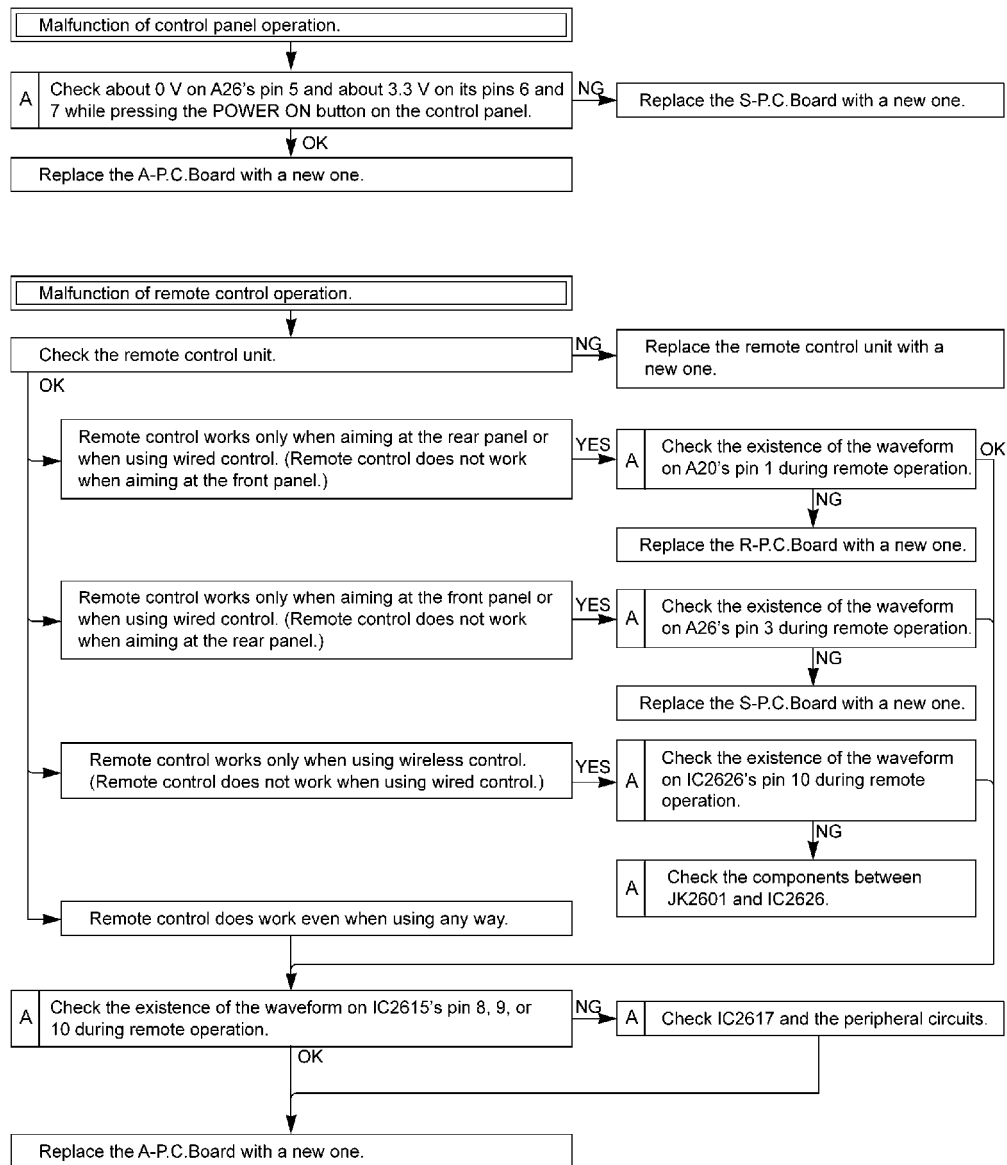


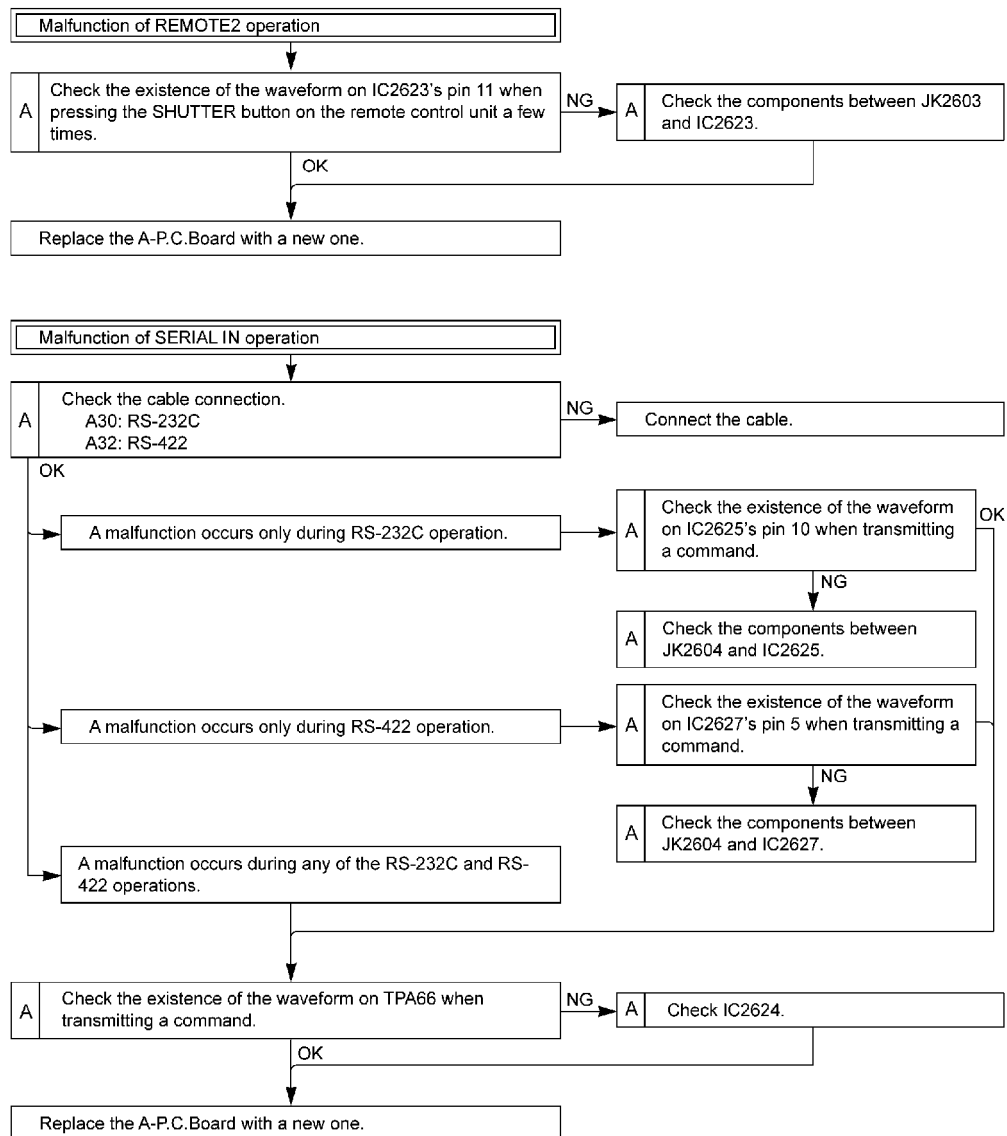


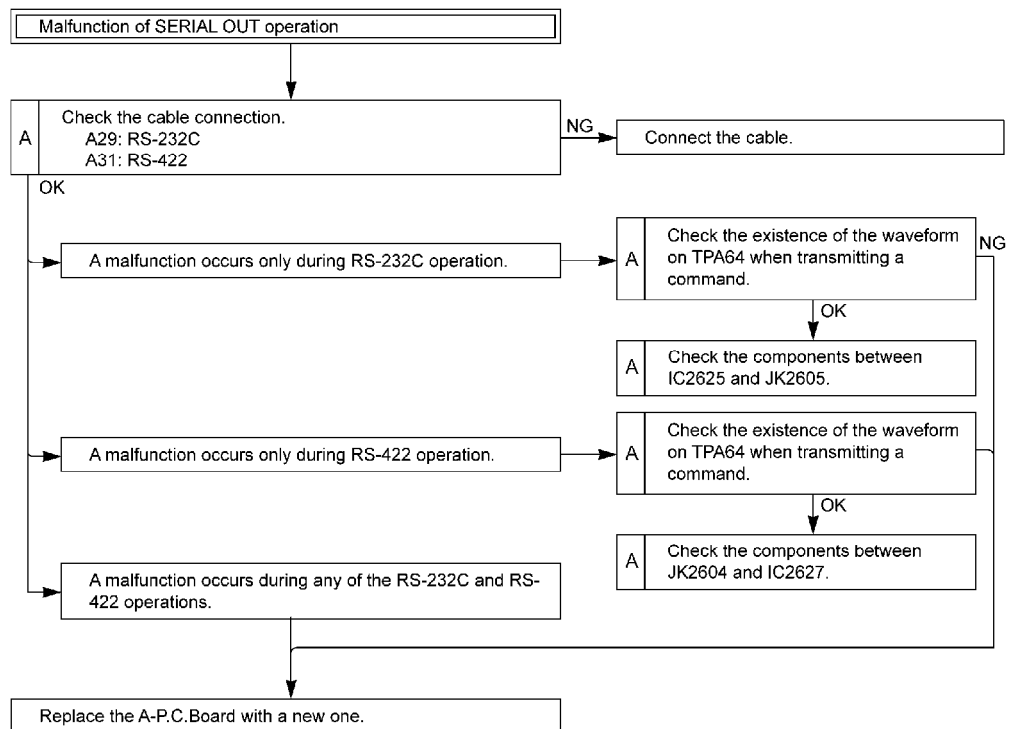
12.2. Signal Processing Circuit Checks

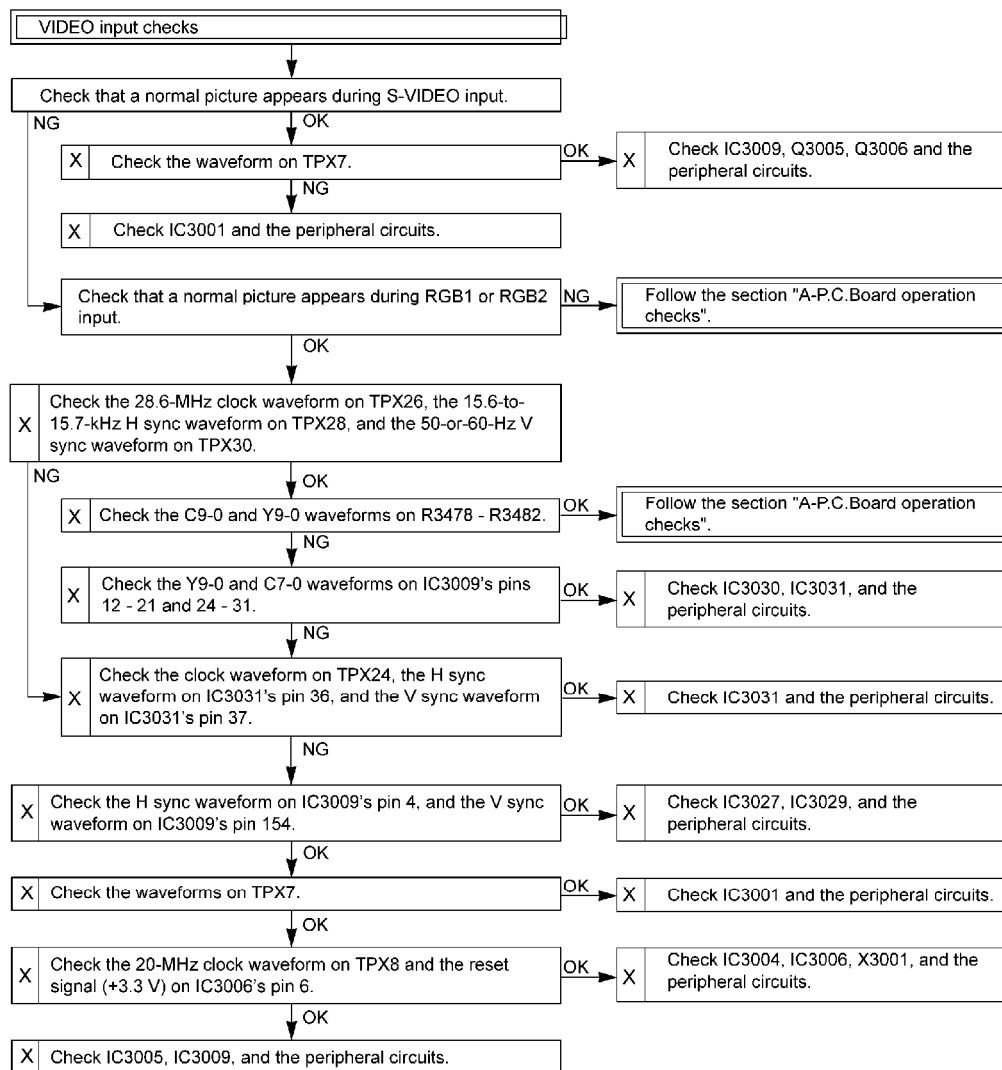












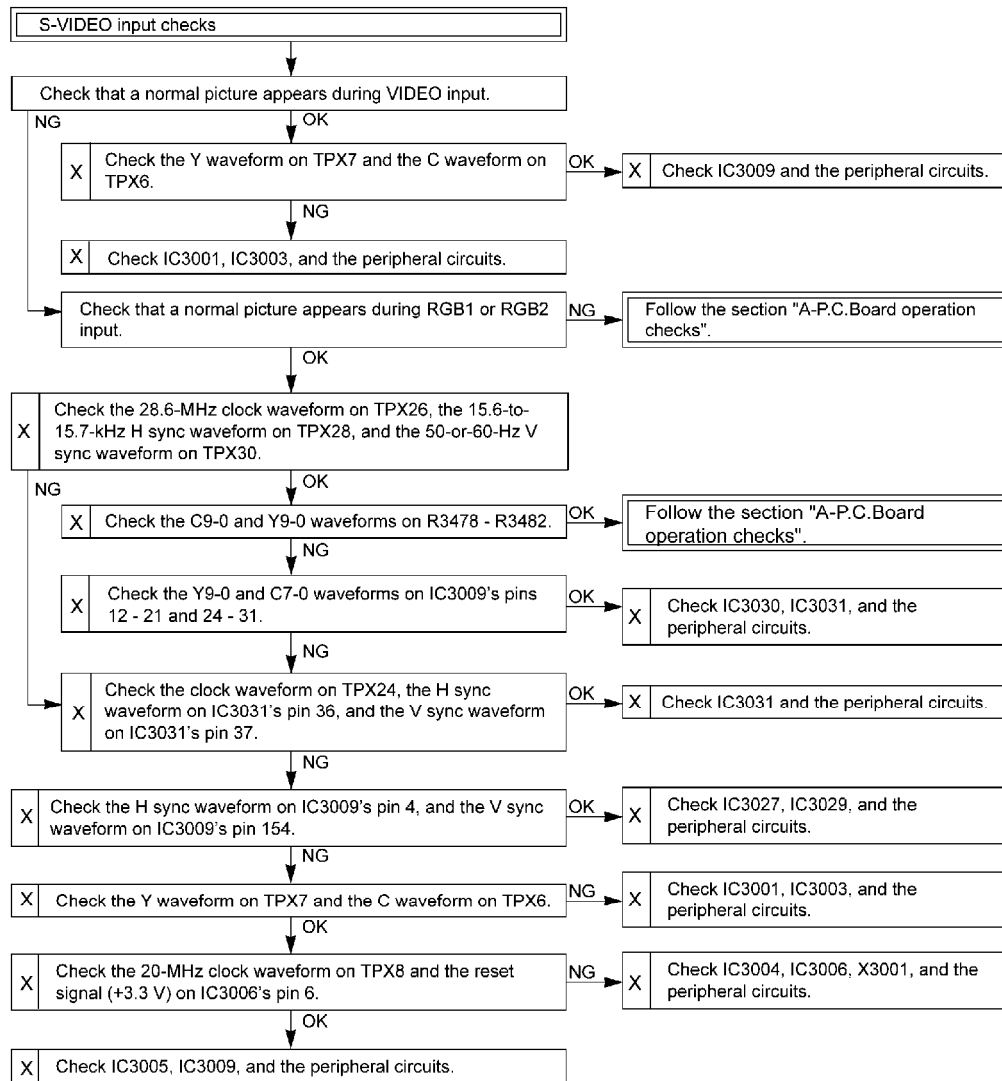
Note for LED (D3041) on the X-P.C.Board

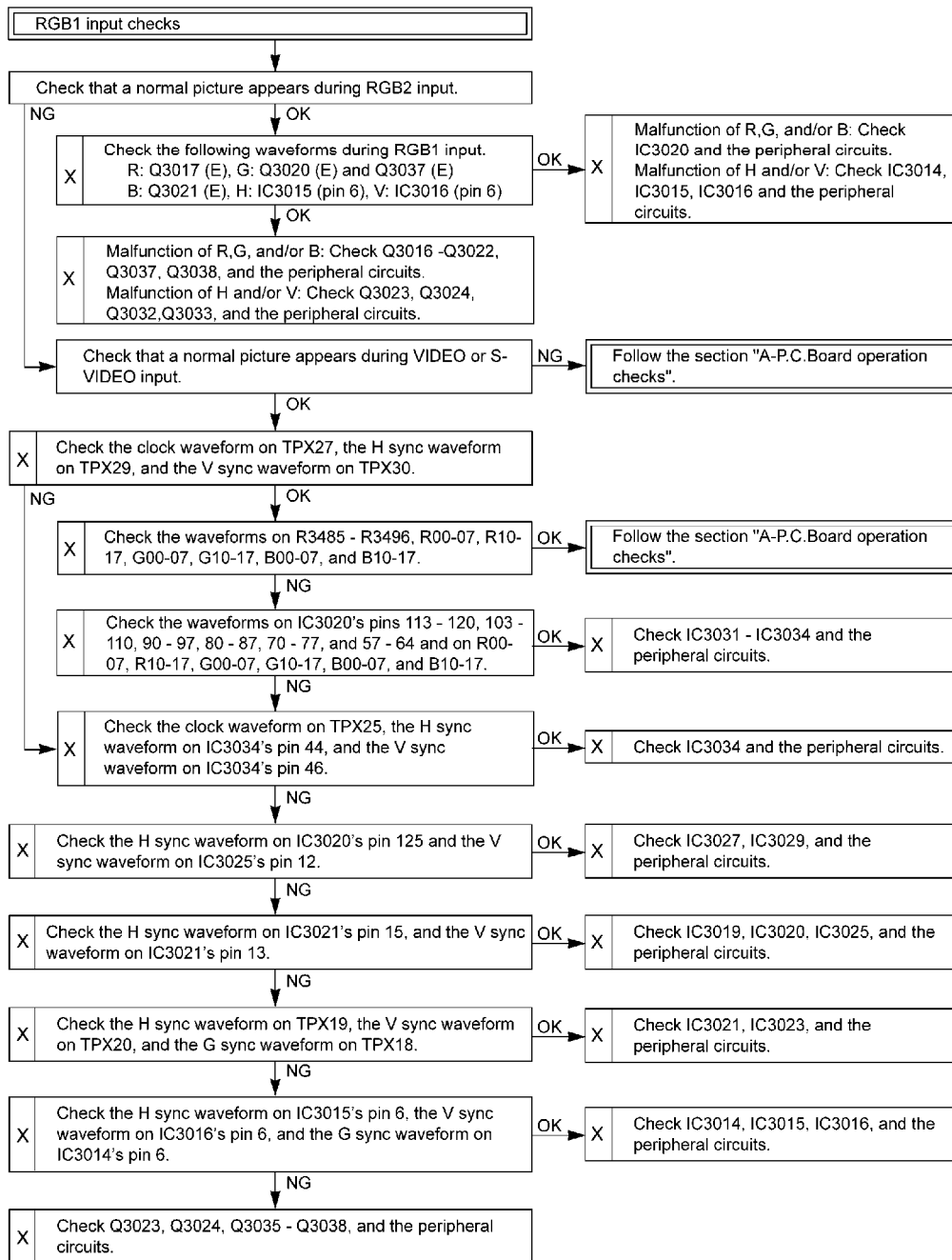
This LED starts to blink when the X-P.C.Board starts working properly. The number of times it blinks depends on the video system of VIDEO or S-VIDEO.

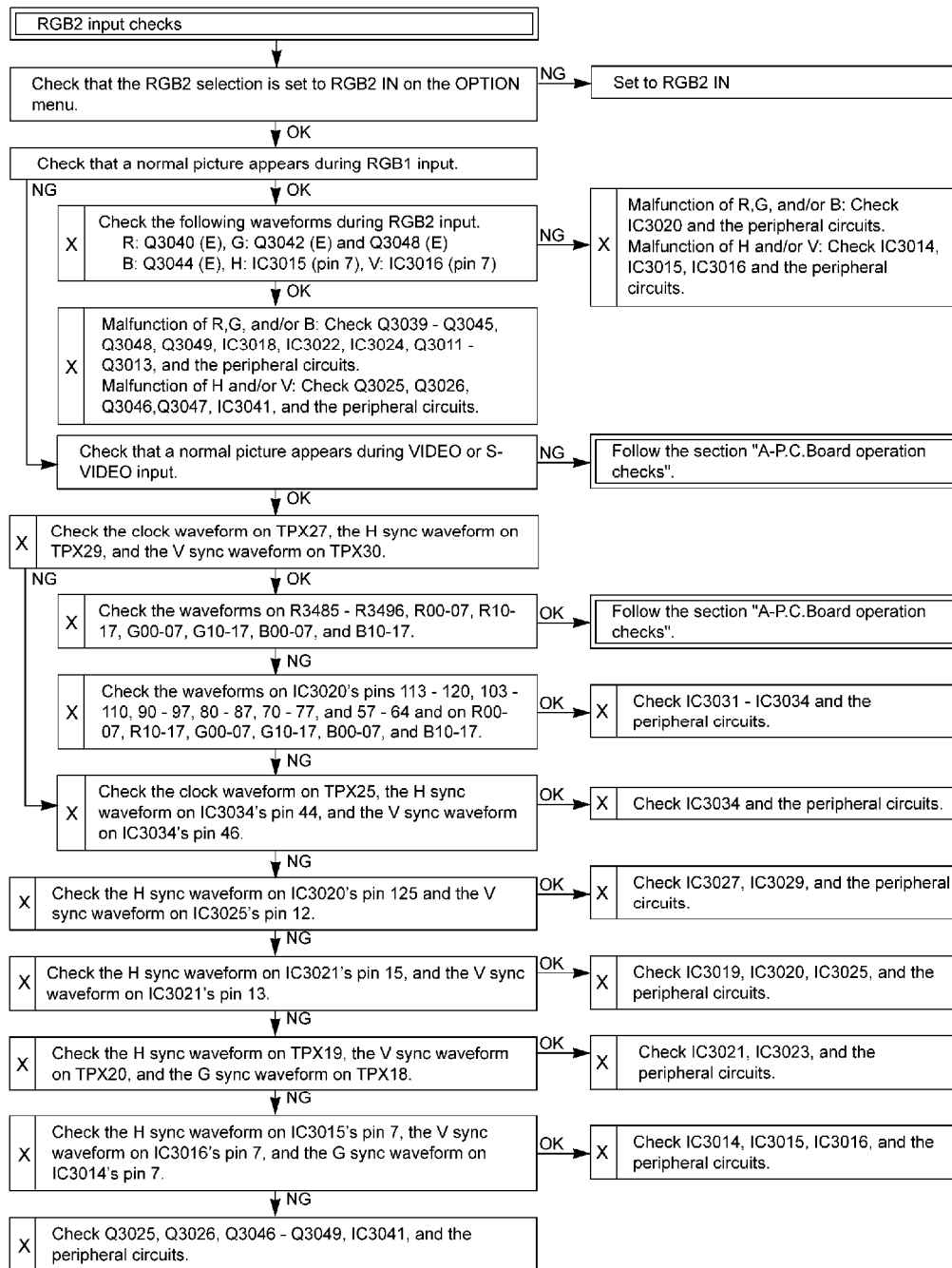
one time: NTSC, two times: PALM, three times: PALN, four times: PAL

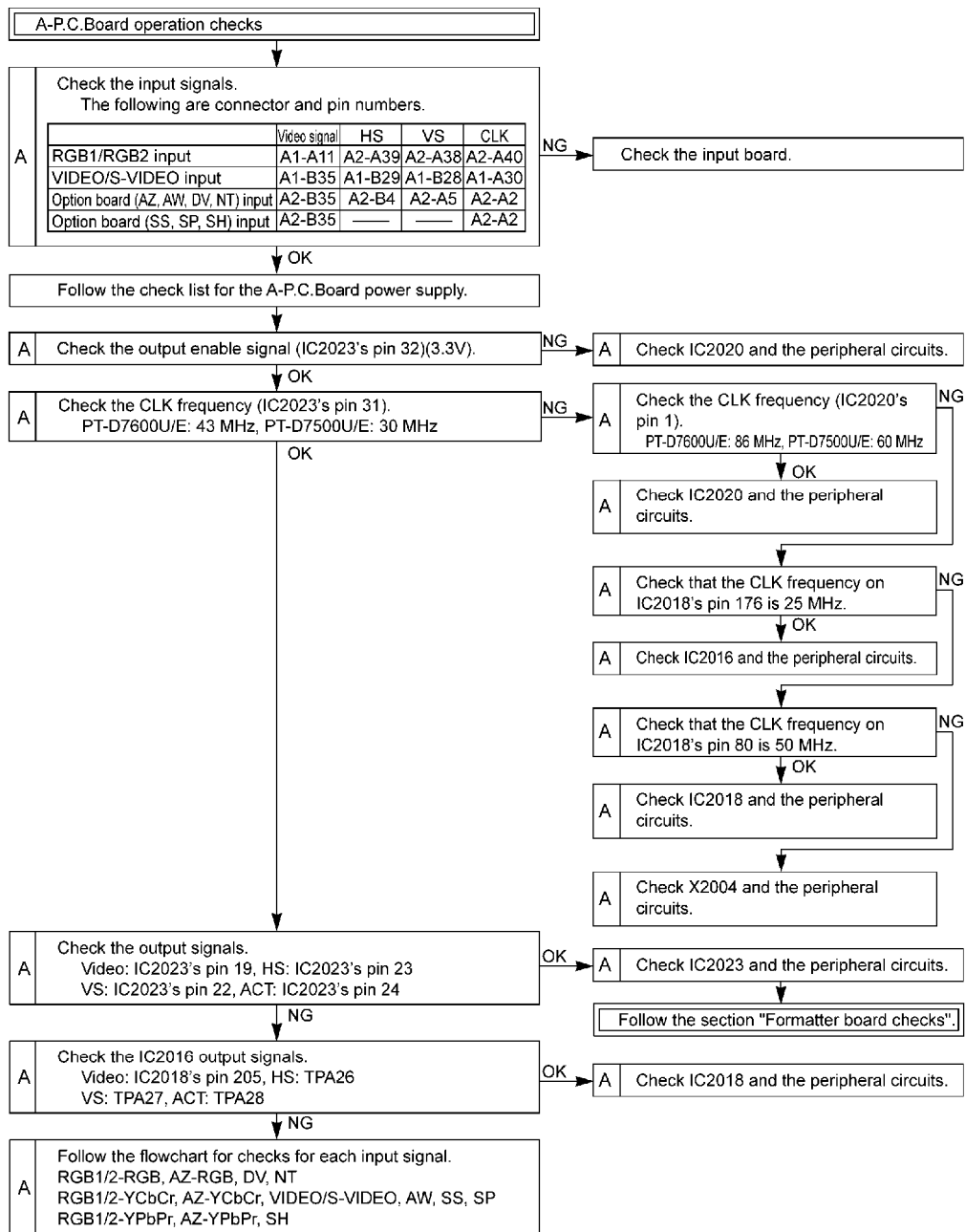
five times: SECAM, six times: NTSC4.43, seven times: black and white

eight times: PAL60









Note for LEDs on the A-P.C.Board

- D2001 indicates the conditions of STB+5 V.

Lights: Normal operation

Not light: Abnormal operation

- D2002 indicates the conditions of +3.3 V.

Lights: Normal operation

Not light: Abnormal operation

- D2003 indicates the conditions of +2.5 V.

Lights: Normal operation

Not light: Abnormal operation

- No LED lights.

The power supply block can have been damaged, so replace or repair it.

- Any of the LEDs does not light.

The protection semiconductor devices can contain a broken wire, so replace or repair the A-P.C.Board.

- D2621 indicates the SERIAL IN format.

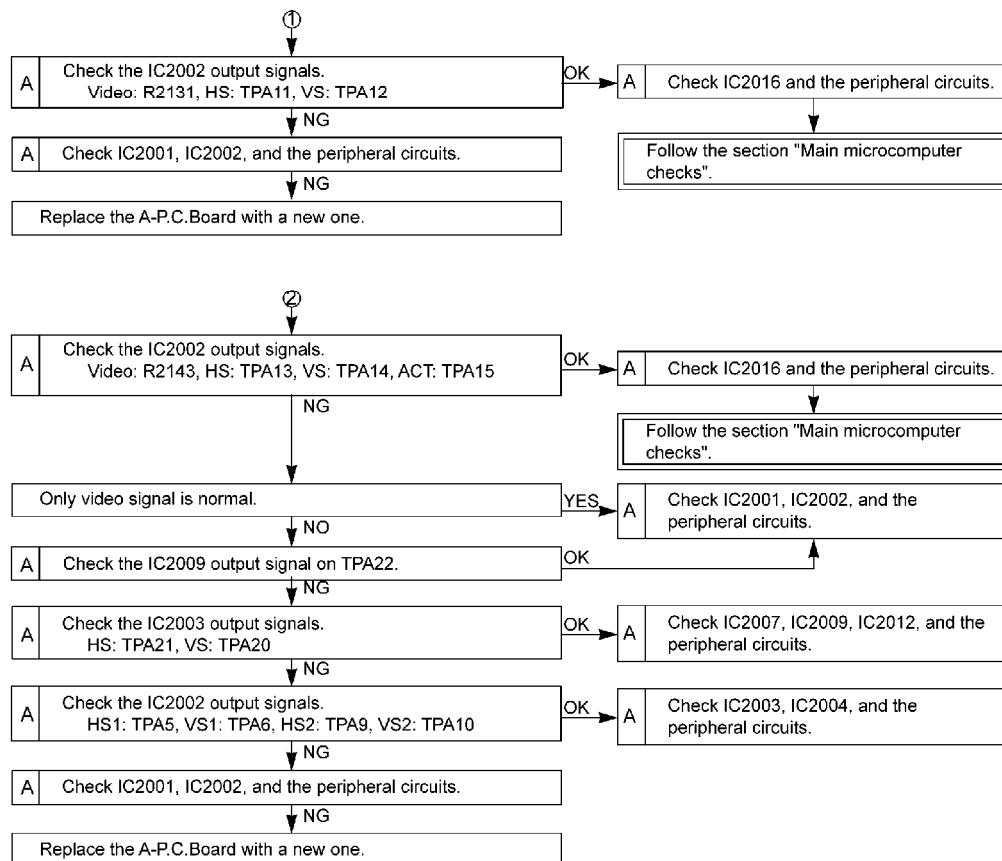
Green: RS-232C

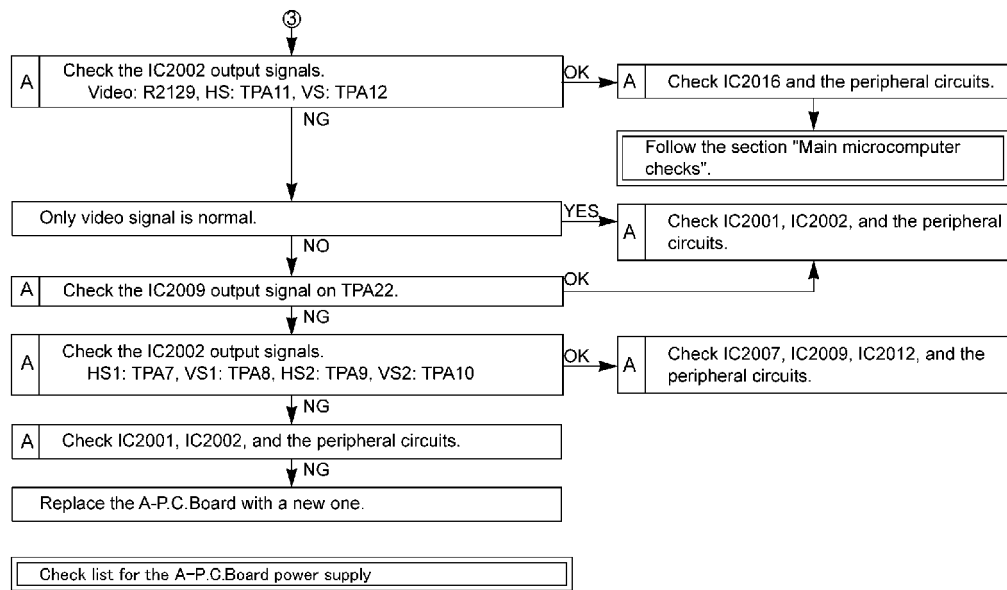
Red: RS-422

- D2622 indicates the SERIAL OUT format.

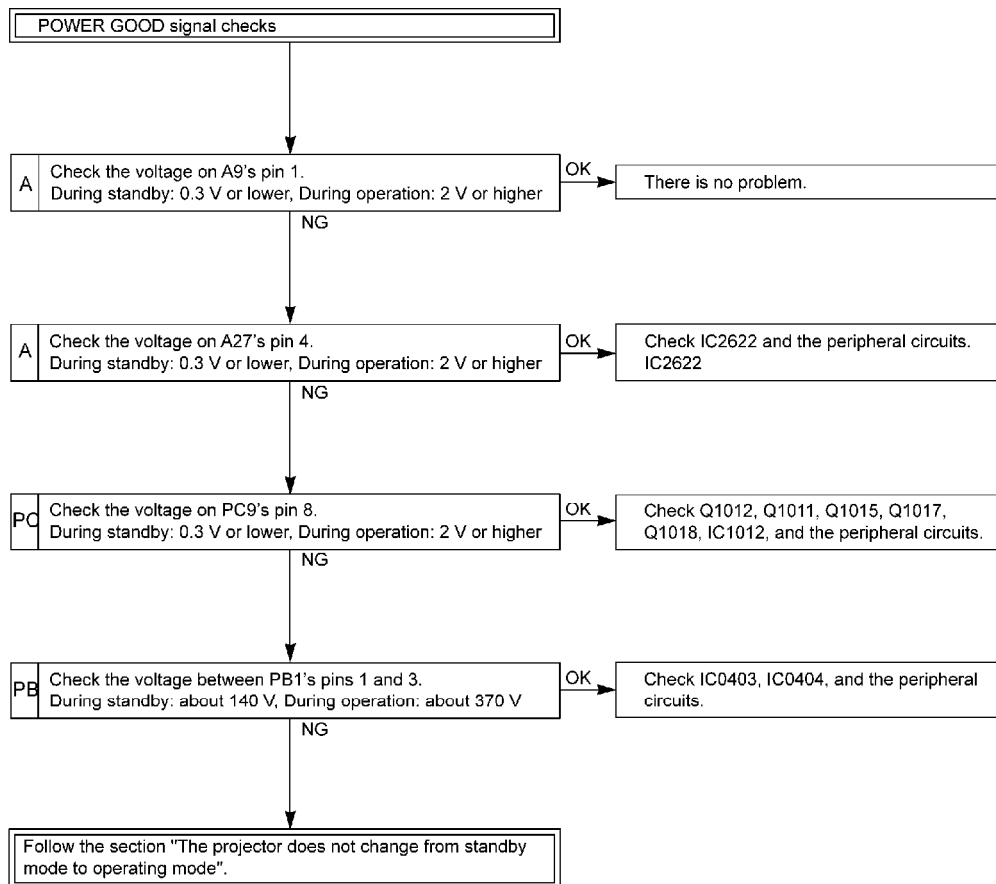
Green: RS-232C

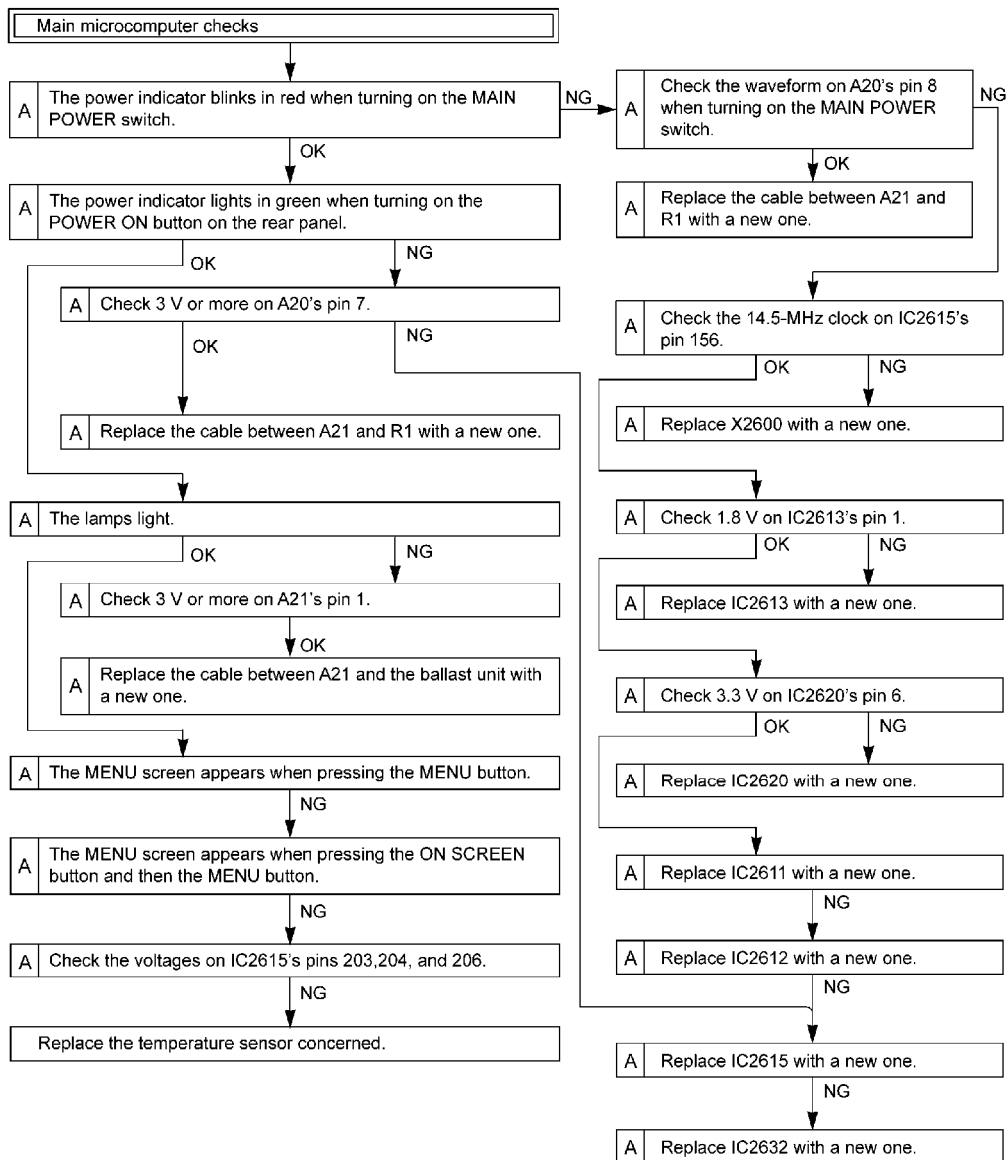
Red: RS-422

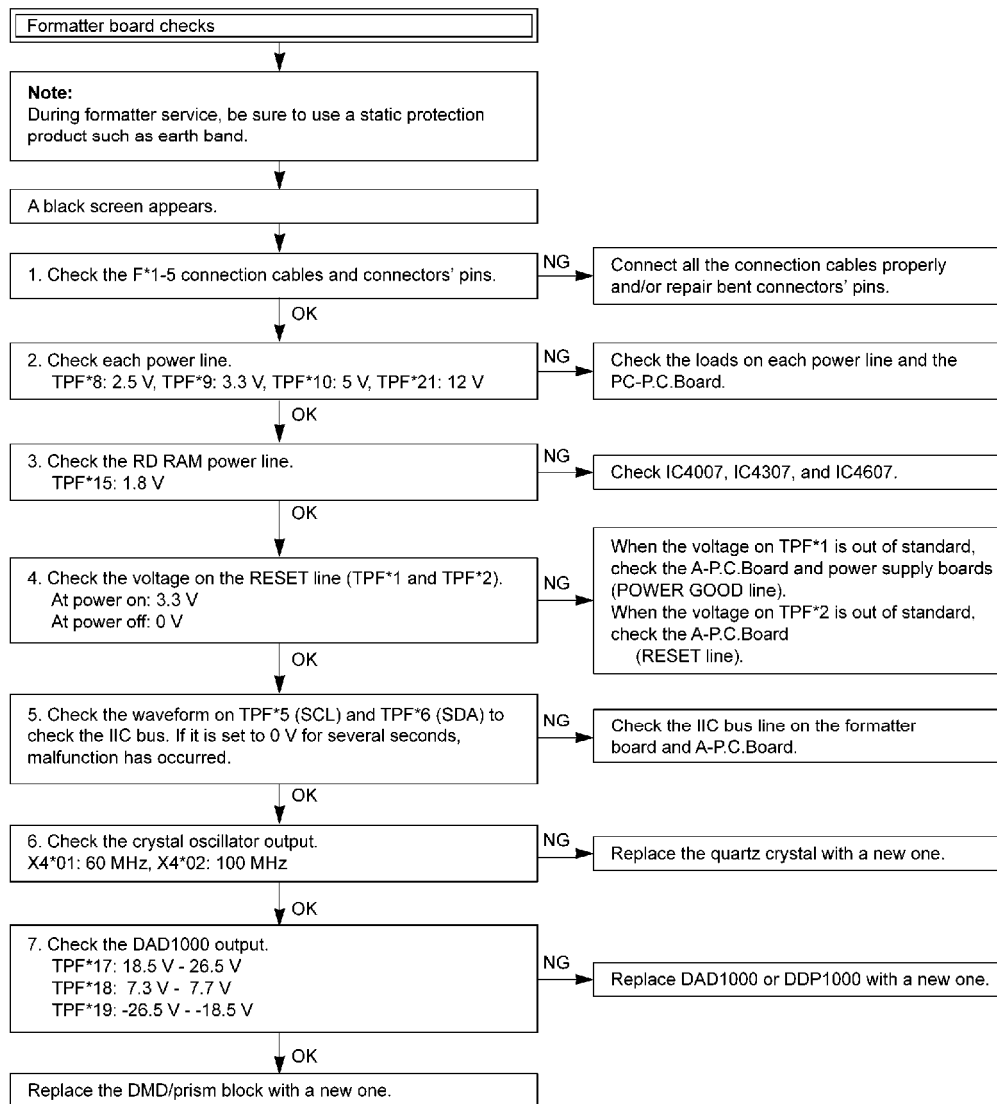




No.	Checking point	Voltage	Checking items
1	A12's pin 10	+5V	Power supply circuit
2	A12's pin 6	+3.3V	Power supply circuit
3	A12's pin 2	+2.5V	Power supply circuit
4	IC2003's pin 3	+2.5V	IC2005 and the peripheral circuits
5	IC2006's pin 3	+1.5V	IC2006 and the peripheral circuits
6	IC2008's pin 3	+1.95V	IC2008 and the peripheral circuits
7	IC2014's pin 3	+1.8V	IC2014 and the peripheral circuits







13. Interconnection Block Diagram

13.1. Interconnection Block Diagram (1/3)

13.2. Interconnection Block Diagram (2/3)

13.3. Interconnection Block Diagram (3/3)

14. Block Diagram

14.1. Power Supply

14.2. Signal Processing (1/2)

14.3. Signal Processing (2/2)

15. Schematic Diagram


- 15.1. A-P.C.Board (1/7)
- 15.2. A-P.C.Board (2/7)
- 15.3. A-P.C.Board (3/7)
- 15.4. A-P.C.Board (4/7)
- 15.5. A-P.C.Board (5/7)
- 15.6. A-P.C.Board (6/7)
- 15.7. A-P.C.Board (7/7)
- 15.8. G-P.C.Board (1/2)
- 15.9. G-P.C.Board (2/2)
- 15.10. J-P.C.Board (1/2)
- 15.11. J-P.C.Board (2/2)
- 15.12. K-P.C.Board
- 15.13. PA-P.C.Board
- 15.14. PB-P.C.Board
- 15.15. PC-P.C.Board
- 15.16. R-P.C.Board/S-P.C.Board
- 15.17. X-P.C.Board (1/3)
- 15.18. X-P.C.Board (2/3)
- 15.19. X-P.C.Board (3/3)

16. Circuit Boards

- 16.1. A-P.C.Board (Foil Side)
- 16.2. A-P.C.Board (Component Side)
- 16.3. X-P.C.Board,S-P.C.Board (Foil Side)
- 16.4. X-P.C.Board,S-P.C.Board (Component Side)
- 16.5. G-P.C.Board

19. Replacement Parts List

Important Safety Notice

Components identified by the International symbol  have special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified parts.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

TYPE

ALLOWANCE

TYPE	ALLOWANCE
C : Carbon	F : ± 1 %
F : Fuse	G : ± 2 %
M : Metal Oxide	J : ± 5 %
M : Metal Film	K : ±10%
S : Solid	M : ±20%
W : Wire Wound	

2. Capacitor

Example:

ECKF1H103ZF C 0.01PF, Z, 50V

TYPE








ALLOWANCE

TYPE	ALLOWANCE
C : Ceramic	C : ±0.25 pF
E : Electrolytic	D : ±0.5 pF
P : Polyester	F : ± 1 pF
PP : Polypropylene	J : ± 5 %
S : Polystyrol	K : ±10 %
T : Tantalum	L : ±15 %
	M : ±20 %
	P : +100 %, -0 %
	Z : +80 %, -20 %







Notes:

For G** of Ref. No., not indicate illustration of it part on "Exploded Views".



Printed circuit board assembly with mark (RTL) is no longer available after production discontinuation of the complete set.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
[MECHANICAL PARTS]				
G1	D4CDH4930002	THERMISTOR	2	
K1	FBA08T12HS	FAN (SIGNAL BLOCK)	1	
K2	K1EA03NA0001	REMOTE CONTROLL CABLE	1	
K3	K5D153AQ0001	FUSE	1	PT-D7500U/D7600U 
	K5Y632B00001	FUSE	1	PT-D7500E/D7600E 
K4	L6FCJCAH0001	ANALYSIS BLOCK FAN	1	
K5	L6FCNEEH0001	FAN (POWER BLOCK)	1	
K6	L6FCNGFH0002	FAN (BALLAST)	2	
K7	L6FCPHEH0001	FAN (PRISM)	1	
K8	N2QAGB000024	REMOTE CONTROLLER	1	
G2	SPN-2ACB	PUSH NUT	2	
K9	TBLB3081	ADJUSTER	4	
K10	TBMA134	PANASONIC BADGE	1	
G3	TBME808-1	MODEL NAME PLATE	1	PT-D7500U
	TBME811-1	MODEL NAME PLATE	1	PT-D7600U
	TBME809-1	MODEL NAME PLATE	1	PT-D7500E
	TBME812-1	MODEL NAME PLATE	1	PT-D7600E
G4	TBXA37201	LENS EXCHANGE SWITCH	1	
K11	TBXA37401	CONTROL BUTTON	1	
G5	TEEC5094	DUCT COVER	1	
K12	TEEC5097	LAMP DUCT (R)	1	
K13	TEEC5098	LAMP DUCT (L)	1	
K14	TEEC5099-1	FAN BOX	1	
K15	TEEC5100	DUCT (A)	1	
K16	TEEC5101	DUCT (B)	1	
K17	TEEC5102	DUCT (C)	1	
G6	TESA118	MIRROR SPRING	2	
G7	TESA185	LENS SPRING	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
G8	TESA203	PRISM SPRING	1	
G9	TESA204	HOLD PLATE	1	
G10	TESA205	FIRST LENS ARRAY SPRING	2	PT-D7500U/E
G11	TEWA196	SPACER	1	
G12	TEWA217	SPACER	2	
G13	TEWA222	SPACER	2	
G14	TEWA223	SPACER	1	
G15	THEC035N	SCREW	8	
K18	TKGF5157	CAPACITOR LENS	1	
K19	TKGF5160	FIRST LENS ARRAY	1	PT-D7500U/E
	TKGF5158	FIRST LENS ARRAY	1	PT-D7600U/E
K20	TKGF5161	SECOND LENS ARRAY	1	PT-D7500U/E
	TKGF5159	SECOND LENS ASSAY	1	PT-D7600U/E
K21	TKGP5139-1	UV FILTER	1	
K22	TKKC5156	LED GUIDE PLATE	1	
G16	TKNC046	DUCT MESH	1	
K23	TKNE050	FILTER	1	
G17	TKPA33902	BLINDFOLD BOARD	1	
K24	TKPA69501	REMOTE CONTROL RECEIVER(F	1	
G18	TKPA69601	REMOTE CONTROL RECEIVER(R	1	
G18-1	TKZM5090	FIRST LENS ARRAY METAL	1	PT-D7600U/E
K25	TKZX5162	COVER INSTALL METAL	5	
G19	TKZX5163	AJUST LEG PLATE	4	
G20	TMKG339	FIRE SHEET	1	
G21	TMKG353	FIRE SHEET	1	
G22	TMKG354	FIRE SHEET	1	
G23	TMKG355	FIRE SHEET	1	
G24	TMKG356	FIRE SHEET	1	
G25	TMKG362	FIRE SHEET	1	
G26	TMKK140	RUBBER	1	
G27	TMKX012	WASHER	2	
G28	TMKG382	HEAT INSULATION SHEET	1	
G29	TMKG384	HEAT INSULATION SHEET	1	
G30	TMKX415	BARRIER(POWER BLOCK)	1	
K26	TMKX416	BALLAST BARRIER	2	
G31	TMKX473	HEAT SINK COVER	1	
K27	TMKX485	DUSTPROOF SHEET	1	
G32	TMKX486	WIND GUIDE PLATE 1	1	
G33	TMKX487	WIND GUIDE PLATE 2	1	
G34	TMKX488	WIND GUIDE PLATE 3	1	
G35	TMKX492	HEAT INSULATION COVER	1	
G36	TMKX495	CABLE COVER	1	
G37	TMKX500	AKUMINUM SHEET	2	
G38	TMM16473-1	CLAMPER	2	
G39	TMM16497-1	CLAMPER	1	
G40	TMM6463-1	CLAMPER	7	
G41	TMM6496-1	CLAMPER	2	
G42	TMM7443-3	CLAMPER	3	
K28	TMMD009	LED HOLDER	1	
G43	TMME094	CLAMPER	1	
G44	TMME119	SPACER	8	
G45	TMME155	SPACER	2	
G46	TMME211	SPACER	5	
G47	TMME212	SPACER(POWER BLOCK)	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
K29	TMME213	CLAMPER	1	
G48	TMMX091	SPACER(POWER BLOCK)	2	
G49	TMMX092	SPACER(POWER BLOCK)	2	
G50	TMX13439	GUIDE	4	
K30	TMZX5028	FILTER FRAME	1	
K31	TMZX5029	FILTER HOLD	1	
G51	TPCB28301	CARTON	1	
G52	TPDA0658	CUSHION (UPPER)	1	
G53	TPDA0659	CUSHION (BOTTOM)	1	
G54	TPDF0818	ACCESSORY PACKING CASE	1	
G55	TPDF0958	PAD(TOP)	1	
G56	TPEH187	SET COVER	1	
G57	TQB817002-1	SAFETY SHEET	1	PT-D7500U/D7600U
G58	TQBH7014	LENS INSTALL SHEET	1	
G59	TQBJ0113	INSTRUCTION BOOK	1	PT-D7500U/D7600U 
	TQBJ0114	INSTRUCTION BOOK	1	PT-D7500E/D7600E 
G60	TQD1712010	SHEET	1	
G61	TQDJ18018	GUARANTEE CARD	1	PT-D7500U/D7600U
G62	TQDJ39001	SERVICE CENTER LIST	1	PT-D7500U/D7600U
K32	TSEX0004	BIMETAL	1	
K33	TSEX8005	SWITCH	1	K0ADBF000007 
K34	TSK1018	FERRITE CORE	4	J0KG00000013
K35	TSX1483	AC POWER CORD	1	K2CF3EH00001 PT-D7500U/ D7600U 
K35-1	K2AZ3Z000003	AC POWER CORD	1	PT-D7500E/D7600E(For U.K) 
K35-2	K2CM3EH00005	AC POWER CORD	1	PT-D7500E/D7600E(For Continental)
G63	TSXL249	FLEX CABLE	3	
G64	TUCB5019	HEAT INSULATION SHEET	2	
G65	TUCB5018	ALUMINUM SHEET	1	
G66	TUCB5017	ALUMINUM SHEET	1	
G67	TUCC25653	HEAT SINK(X-PCB)	1	
K36	TUCC5840	FRONT SHEILD BOARD	1	
G68	TUCC5848	SHIELD PLATE	1	
G69	TUCC5849	ELECTRIC GUIDE METAL	1	
K37	TUSA052	SIGNAL COVER (MAIN)	1	
K38	TUSA053	POWER COVER (MAIN)	1	
K39	TUSA054	BALLAST CASE	2	
K40	TUSD048	SIGNAL COVER (REAR)	1	
K41	TUSD049	POWER COVER (UPPER)	1	
K42	TUSD050	BALLAST CASE COVER	2	
G70	TUSX006	SIGNAL COVER PARTITION	1	
K43	TUSX007	FAN INSTAL METAL(BALAST-L	1	
K44	TUWC033	BIMETAL METAL	1	
K45	TUWE122	TERMINAL METAL	1	
G71	TUWX092	PRISM PLATE	1	
G72	TUWX093	SIDE PLATE	1	
G73	TUXA155	SECOND LENS ASSY PLATE	1	PT-D7500U/E
	TUXA156	SECOND LENS ASSY PLATE	1	PT-D7600U/E
G74	TUXA161	SIGNAL CASE	1	
G75	TUXA162	TRANSPORT METAL 1	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
G76	TUXA163	REINFORCEMENT METAL	1	
G77	TUXA165	TRANSPORT METAL 2	1	
G78	TUXA166	TRANSPORT METAL 3	1	
G79	TUXE191	INSTAL METAL (G-PCB)	1	
G80	TUXE192	INSTAL METAL (G-PCB)	1	
G81	TUXE193	INSTAL METAL (K-PCB)	1	
G82	TUXJ098	INSTAL METAL(POWER BLOCK)	2	
K46	TUXX250	FUSE COVER	1	
K47	TUXX251	FAN BOX COVER	1	
K48	TUXX260	POWER BLOCK INSTALL BASE	1	
K49	TXFKJVJM8	LENS GRILL ASSY	1	
K50	TXZEE01VJM8	ANALYSIS BLOCK ASSY	1	PT-D7500U/E
	TXZEE01VJP1	ANALYSIS BLOCK ASSY	1	PT-D7600U/E
K51	TXZEE02VJM8	ANALYSIS MIRROR ASSY	1	PT-D7500U/E
	TXZEE02VJP1	ANALYSIS MIRROR ASSY	1	PT-D7600U/E
G83	TXZEK01VJM8	LENS SYSTEM UNIT (V)	1	
G84	TXZEK02VJM8	LENS SYSTEM UNIT (H)	1	
G85	TXZEK02VJM8	LENS SYSTEM UNIT (F)	1	
G86	TXZGP01VJM8	PRISM	1	
G87	TXZTE01VJM8	SHUTTER	1	
K52	TXZTE03VJM8	MECHANICAL VARIEGATION	1	PT-D7500U/E
	TXZTE02VJM8	MECHANICAL VARIEGATION	1	PT-D7600U/E
G88	XSB3+8FC	SCREW	2	
G89	XSB4+10FC	SCREW	17	
G90	XSB4+10FZ	SCREW	6	
G91	XSN4+15	SCREW	2	
G92	XSN6+6	SCREW	1	
G93	XSS3+6	SCREW	1	
G94	XTN3+6G	SCREW	5	
G95	XTV3+8A	SCREW	9	
G96	XVE3A10FT	SCREW	3	
G97	XVP4A15X	BOLT	1	
G98	XVP4A30X	BOLT	1	
G99	XWA4B	WASHER	2	
G100	XWC4B	WASHER	1	
G101	XWG4	WASHER	2	
G102	XYN2+F6	SCREW	2	
G103	XYN3+C16	SCREW	2	
G104	XYN3+C5	SCREW	10	
G105	XYN3+F8	SCREW	68	
G106	XYN3+J8	SCREW	12	
G107	XYN4+C12FZ	SCREW	3	
G108	XYN4+C32	SCREW	6	
G109	XYN4+E8	SCREW	4	
G110	XYN4+F10	SCREW	3	
G111	XYN4+F10FZ	SCREW	4	
G112	XYN4+F20FZ	SCREW	8	
G113	XYN4+J30	SCREW	3	
G114	XYN4+J8	SCREW	28	
K53	TXFKF99PQTZ	UPPER COVER	1	PT-D7500U/E
	TXFKF99PQUZ	UPPER COVER	1	PT-D7600U/E


Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
K54	TXFKF98PQTZ	BOTTOM COVER	1	PT-D7500U
	TXFKF98PQUZ	BOTTOM COVER	1	PT-D7600U
	TXFKF98PQVZ	BOTTOM COVER	1	PT-D7500E
	TXFKF98PQWZ	BOTTOM COVER	1	PT-D7600E
K55	TXFKP99VJM8	TERMINAL COVER	1	
K56	TXFKP98VJM8	REAR COVER	1	
[INTEGRATED CIRCUIT]				
IC0101	C0DBZZ00046	I.C	1	
IC0102	B3PAA0000240	I.C	1	
IC0103	C0ZBZ0000544	I.C	1	
IC0104	AN6914S	I.C	1	
IC0401	STRF6676LF52	I.C	1	C5HABZZ00015
IC0402	AN78L15M	I.C	1	
IC0403	AN6914S	I.C	1	
IC0404	B3PAA0000240	I.C	1	
IC0405	B3PAA0000240	I.C	1	
IC0406	B3PAA0000240	I.C	1	
IC0407	C0EAS0000012	I.C	1	
IC0408	AN78L05M	I.C	1	
IC0410	AN78L12M	I.C	1	
IC0411	SI-8050S	I.C	1	C0DAAHH00013
IC701	M62393FP	I.C	1	C0FBB000085
IC702	PQ05SZ51	I.C	1	C0CBADE00011
IC703	SI-8050S	I.C	1	C0DAAHH00013
IC704	SI-3050F	I.C	1	C0DAZGG00006
IC705	SI-3050F	I.C	1	C0DAZGG00006
IC706	SI-8050S	I.C	1	C0DAAHH00013
IC707	M51957BFP	I.C	1	C0EBB0000024
IC801	SI-3120F	I.C	1	C0DAZJG00015
IC802	JLC1562BF	I.C	1	C0JBAZ001265
IC803	LB1650	I.C	1	C0GAM0000003
IC804	TC4053BF	I.C	1	C0JBAR000222
IC805	MC14538BF	I.C	1	C0JBAM000009
IC806	JLC1562BF	I.C	1	C0JBAZ001265
IC807	JLC1562BF	I.C	1	C0JBAZ001265
IC808	LB1650	I.C	1	C0GAM0000003
IC809	TC4053BF	I.C	1	C0JBAR000222
IC810	MC14538BF	I.C	1	C0JBAM000009
IC811	TC4053BF	I.C	1	C0JBAR000222
IC812	JLC1562BF	I.C	1	C0JBAZ001265
IC813	LB1650	I.C	1	C0GAM0000003
IC1001	C0CABGG00004	I.C	1	
IC1002	SI-8050S	I.C	1	C0DAAHH00013
IC1003	C0DBAHZ00002	I.C	1	
IC1004	C0DBAHZ00002	I.C	1	
IC1005	C0DBAZH00006	I.C	1	
IC1010	SI-3120F	I.C	1	C0DAZJG00015
IC1011	SI-3120F	I.C	1	C0DAZJG00015
IC1012	MC14538BF	I.C	1	C0JBAM000009
IC2001	TVRJ834-1	I.C	1	
IC2003	C1AB00001703	I.C	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC2004	C3ABPJ000035	I.C	1	
IC2005	AN80L25RMS	I.C	1	
IC2006	C0DBEZG00011	I.C	1	
IC2007	TVRJ793-1	I.C	1	
IC2008	C0DBEZG00004	I.C	1	
IC2010	TC7WU04F	I.C	1	C0JBAB000307
IC2011	M51957BFP	I.C	1	C0EBB0000024
IC2012	C3ABPJ000013	I.C	1	
IC2013	C3ABPJ000035	I.C	1	
IC2014	C0DBEZG00011	I.C	1	
IC2015	C3ABPJ000035	I.C	1	
IC2017	C3ABPJ000035	I.C	1	
IC2018	C1ZBZ0001785	I.C	1	
IC2020	C0ZBZ0000685	I.C	1	
IC2021	C0JBAZ001708	I.C	1	
IC2022	TC7WU04F	I.C	1	C0JBAB000307
IC2023	C0JBCZ000485	I.C	1	
IC2024	C0JBCZ000485	I.C	1	
IC2025	C0JBCZ000485	I.C	1	
IC2604	TC74HC4051AF	I.C	1	C0JBAR000126
IC2605	TC74HC4051AF	I.C	1	C0JBAR000126
IC2609	TC74HC4051AF	I.C	1	C0JBAR000126
IC2610	TC74HC4051AF	I.C	1	C0JBAR000126
IC2611	TVRJ792-4	I.C	1	
IC2612	C3ABPJ000035	I.C	1	
IC2613	C0DBFFD00003	I.C	1	
IC2614	C0CBCBF00001	I.C	1	
IC2615	HD17709AF100	I.C	1	C2DBYJ000001
IC2617	C0JBAZ001467	I.C	1	
IC2618	C3EBLC000019	I.C	1	
IC2619	C3EBLC000019	I.C	1	
IC2620	M51957BFP	I.C	1	C0EBB0000024
IC2621	JLC1562BF	I.C	1	C0JBAZ001265
IC2622	C0JBAB000290	I.C	1	
IC2623	JLC1562BF	I.C	1	C0JBAZ001265
IC2624	C0JBAZ000851	I.C	1	
IC2625	UPD4721GS	I.C	1	C0JBAZ000237
IC2626	SN74HC14NS	I.C	1	C0JBAB000124
IC2627	C1DB00000614	I.C	1	
IC2628	C0JBAB000290	I.C	1	
IC2629	TC7SH08F	I.C	1	
IC2630	TC7SH08F	I.C	1	
IC2631	TC7SH08F	I.C	1	
IC2632	C0JBAZ001441	I.C	1	
IC2633	C0JBAZ000630	I.C	1	
IC2634	C0JBAZ000851	I.C	1	
IC3001	C1AB00001226	I.C	1	
IC3002	C1AB00000608	I.C	1	
IC3003	C1AB00001248	I.C	1	
IC3004	C0JBAZ000529	I.C	1	
IC3005	TVSA0500	I.C	1	C3ABMG000074
IC3006	M51957BFP	I.C	1	C0EBB0000024
IC3007	PQ1R33	I.C	1	C0CBABC00037
IC3009	C1AB00001494	I.C	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3011	C0CBCBE00001	I.C	1	
IC3012	24LC21T-I/SN	I.C	1	C3EBCC000020
IC3013	C0CBADG00003	I.C	1	
IC3014	TC4W53F	I.C	1	
IC3015	TC4W53F	I.C	1	
IC3016	TC4W53F	I.C	1	
IC3017	C0CBCBE00001	I.C	1	
IC3018	C0ABGB000016	I.C	1	
IC3019	TC7SH32FTL	I.C	1	C0JBAE000146
IC3020	C0FBAD000076	I.C	1	
IC3021	M52036SP	I.C	1	C1AA00000392
IC3022	C0ABGB000016	I.C	1	
IC3023	UPC842G2	I.C	1	C0ABBA000017
IC3024	C0ABGB000016	I.C	1	
IC3025	TC74LCX541TL	I.C	1	C0JBAZ000852
IC3026	C0DBFFD00003	I.C	1	
IC3027	C1ZBZ0001965	I.C	1	
IC3029	M51957BFP	I.C	1	C0EBB0000024
IC3030	PLPT16244CA	I.C	1	
IC3031	PLPT16244CA	I.C	1	
IC3032	PLPT16244CA	I.C	1	
IC3033	PLPT16244CA	I.C	1	
IC3034	PLPT16244CA	I.C	1	
IC3035	C3EBFC000017	I.C	1	
IC3036	TA7812F	I.C	1	
IC3038	C0CBADG00003	I.C	1	
IC3041	C0JBAZ001953	I.C	1	
IC3042	C0JBAE000192	I.C	1	
IC3043	C0JBAE000192	I.C	1	
[TRANSISTORS]				
Q0102	2SK2917	FET	1	B1DEGQ000003
Q0103	2SK2917	FET	1	B1DEGQ000003
Q0105	2SD601AR	TRANSISTOR	1	2SD0601AR
Q0108	2SD601AR	TRANSISTOR	1	2SD0601AR
Q0109	2SB709A	TRANSISTOR	1	2SB0709A
Q0401	2SD601AR	TRANSISTOR	1	2SD0601AR
Q0402	2SD601AR	TRANSISTOR	1	2SD0601AR
Q0403	2SD601AR	TRANSISTOR	1	2SD0601AR
Q0404	2SJ307	FET	1	B1DGEM000002
Q0406	2SD601AR	TRANSISTOR	1	2SD0601AR
Q702	2SD601AR	TRANSISTOR	1	2SD0601AR
Q704	2SB709A	TRANSISTOR	1	2SB0709A
Q705	2SD601AR	TRANSISTOR	1	2SD0601AR
Q707	2SD601AR	TRANSISTOR	1	2SD0601AR
Q709	2SD601AR	TRANSISTOR	1	2SD0601AR
Q710	2SB709A	TRANSISTOR	1	2SB0709A
Q711	2SD601AR	TRANSISTOR	1	2SD0601AR
Q712	2SD601AR	TRANSISTOR	1	2SD0601AR
Q713	2SD601AR	TRANSISTOR	1	2SD0601AR
Q714	2SD601AR	TRANSISTOR	1	2SD0601AR
Q715	2SB709A	TRANSISTOR	1	2SB0709A
Q716	2SB709A	TRANSISTOR	1	2SB0709A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q717	2SD601AR	TRANSISTOR	1	2SD0601AR
Q718	2SD601AR	TRANSISTOR	1	2SD0601AR
Q719	2SD601AR	TRANSISTOR	1	2SD0601AR
Q720	2SD601AR	TRANSISTOR	1	2SD0601AR
Q721	2SD601AR	TRANSISTOR	1	2SD0601AR
Q722	2SD601AR	TRANSISTOR	1	2SD0601AR
Q723	2SD601AR	TRANSISTOR	1	2SD0601AR
Q724	2SD601AR	TRANSISTOR	1	2SD0601AR
Q725	2SD601AR	TRANSISTOR	1	2SD0601AR
Q801	2SD601AR	TRANSISTOR	1	2SD0601AR
Q808	2SD601AR	TRANSISTOR	1	2SD0601AR
Q812	2SD601AR	TRANSISTOR	1	2SD0601AR
Q813	2SD601AR	TRANSISTOR	1	2SD0601AR
Q814	2SD601AR	TRANSISTOR	1	2SD0601AR
Q815	2SB709A	TRANSISTOR	1	2SB0709A
Q816	2SD601AR	TRANSISTOR	1	2SD0601AR
Q817	2SD601AR	TRANSISTOR	1	2SD0601AR
Q818	2SD601AR	TRANSISTOR	1	2SD0601AR
Q819	2SD601AR	TRANSISTOR	1	2SD0601AR
Q820	2SD601AR	TRANSISTOR	1	2SD0601AR
Q821	2SD601AR	TRANSISTOR	1	2SD0601AR
Q822	2SD601AR	TRANSISTOR	1	2SD0601AR
Q823	2SD601AR	TRANSISTOR	1	2SD0601AR
Q824	2SD601AR	TRANSISTOR	1	2SD0601AR
Q825	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1001	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1002	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1003	B1DFGD000013	TRANSISTOR	1	
Q1004	B1DFGD000013	TRANSISTOR	1	
Q1005	B1DFGD000013	TRANSISTOR	1	
Q1006	B1DFGD000013	TRANSISTOR	1	
Q1007	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1008	B1DFGD000013	TRANSISTOR	1	
Q1010	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1011	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1012	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1013	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1014	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1015	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1016	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1017	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1018	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1021	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1022	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1023	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1024	2SD601AR	TRANSISTOR	1	2SD0601AR
Q1025	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2600	2SK620	FET	1	2SK0620
Q2601	2SK620	FET	1	2SK0620
Q2602	2SK620	FET	1	2SK0620
Q2603	2SK620	FET	1	2SK0620
Q2604	2SK620	FET	1	2SK0620
Q2605	2SK620	FET	1	2SK0620
Q2606	2SD601AR	TRANSISTOR	1	2SD0601AR


Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q2607	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2608	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2609	2SB709A	TRANSISTOR	1	2SB0709A
Q2610	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2611	2SB709A	TRANSISTOR	1	2SB0709A
Q2612	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2613	2SB709A	TRANSISTOR	1	2SB0709A
Q2614	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2615	2SB709A	TRANSISTOR	1	2SB0709A
Q2616	2SK620	FET	1	2SK0620
Q2617	2SK620	FET	1	2SK0620
Q2618	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2619	2SB709A	TRANSISTOR	1	2SB0709A
Q2620	2SK620	FET	1	2SK0620
Q2621	2SK620	FET	1	2SK0620
Q2623	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2624	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2625	2SB710A	TRANSISTOR	1	2SB0710A
Q2626	2SB709A	TRANSISTOR	1	2SB0709A
Q2629	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2630	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2631	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2632	2SB709A	TRANSISTOR	1	2SB0709A
Q2633	2SD601AR	TRANSISTOR	1	2SD0601AR
Q2634	2SB709A	TRANSISTOR	1	2SB0709A
Q3002	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3003	2SB709A	TRANSISTOR	1	2SB0709A
Q3004	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3005	2SK198R	TRANSISTOR	1	2SK01980R
Q3006	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3007	2SB709A	TRANSISTOR	1	2SB0709A
Q3008	2SB709A	TRANSISTOR	1	2SB0709A
Q3009	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3010	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3011	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3012	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3013	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3014	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3015	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3016	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3017	B1ABBB000032	TRANSISTOR	1	
Q3018	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3019	B1ABBB000032	TRANSISTOR	1	
Q3020	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3021	B1ABBB000032	TRANSISTOR	1	
Q3022	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3023	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3024	2SB709A	TRANSISTOR	1	2SB0709A
Q3025	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3026	2SB709A	TRANSISTOR	1	2SB0709A
Q3027	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3028	B1ABBB000032	TRANSISTOR	1	
Q3029	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3030	B1ABBB000032	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3031	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3032	B1ABBB000032	TRANSISTOR	1	
Q3033	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3034	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3035	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3036	2SB709A	TRANSISTOR	1	2SB0709A
Q3037	B1ABBB000032	TRANSISTOR	1	
Q3038	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3039	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3040	B1ABBB000032	TRANSISTOR	1	
Q3041	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3042	B1ABBB000032	TRANSISTOR	1	
Q3043	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3044	B1ABBB000032	TRANSISTOR	1	
Q3045	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3046	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3047	2SB709A	TRANSISTOR	1	2SB0709A
Q3048	B1ABBB000032	TRANSISTOR	1	
Q3049	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3050	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3051	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3052	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3053	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3054	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3055	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3056	2SD601AR	TRANSISTOR	1	2SD0601AR
Q3057	2SB709A	TRANSISTOR	1	2SB0709A
Q3058	2SB709A	TRANSISTOR	1	2SB0709A
Q3059	2SB709A	TRANSISTOR	1	2SB0709A
Q3060	2SB709A	TRANSISTOR	1	2SB0709A
Q3061	2SB709A	TRANSISTOR	1	2SB0709A
Q3062	2SB709A	TRANSISTOR	1	2SB0709A
Q3063	2SD601AR	TRANSISTOR	1	2SD0601AR
Q9901	2SD601AR	TRANSISTOR	1	2SD0601AR
Q9951	2SD601AR	TRANSISTOR	1	2SD0601AR
Q9952	2SD601AR	TRANSISTOR	1	2SD0601AR
Q9953	2SD601AR	TRANSISTOR	1	2SD0601AR
Q9954	2SD601AR	TRANSISTOR	1	2SD0601AR
Q9955	2SB709A	TRANSISTOR	1	2SB0709A
Q9956	2SD601AR	TRANSISTOR	1	2SD0601AR
Q9957	2SB709A	TRANSISTOR	1	2SB0709A
Q9958	2SD601AR	TRANSISTOR	1	2SD0601AR
Q9959	2SD601AR	TRANSISTOR	1	2SD0601AR
[DIODES]				
D0101	MA152K	DIODE	1	MA3X152K
D0103	ERZV14D471	VARISTOR	1	
D0104	B0FBCR000010	DIODE	1	
D0106	MA720	DIODE	1	MA3X720
D0108	D1FL20UF4063	DIODE	1	B0HCMM000001
D0109	MA720	DIODE	1	MA3X720
D0110	MA152K	DIODE	1	MA3X152K
D0111	MA5056	ZENER DIODE	1	

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D0112	SF8L60F13	DIODE	1	B0HARR000007
D0115	MA152K	DIODE	1	MA3X152K
D0116	MA720	DIODE	1	MA3X720
D0117	MA720	DIODE	1	MA3X720
D0118	MA152K	DIODE	1	MA3X152K
D0119	MA3047M	ZENER DIODE	1	MAZ30470M
D0120	EG01C	DIODE	1	B0HAGV000001
D0401	D1FL20UF4063	DIODE	1	B0HCMM000001
D0402	MA1Z068	DIODE	1	
D0403	D1FL20UF4063	DIODE	1	B0HCMM000001
D0404	D1FL20UF4063	DIODE	1	B0HCMM000001
D0405	MA723	DIODE	1	MA2C723
D0406	D1FL20UF4063	DIODE	1	B0HCMM000001
D0407	EP01C	DIODE	1	B0HADV000013
D0408	D1FL20UF4063	DIODE	1	B0HCMM000001
D0409	B0HESM000001	DIODE	1	
D0411	B0HESM000001	DIODE	1	
D0412	MA720	DIODE	1	MA3X720
D0413	B0HESM000001	DIODE	1	
D0414	B0HESM000001	DIODE	1	
D0416	MA152K	DIODE	1	MA3X152K
D0420	D1NL40V70	DIODE	1	B0HALP000002
D0421	D1NL40V70	DIODE	1	B0HALP000002
D0422	D1NL40V70	DIODE	1	B0HALP000002
D0423	D1NL40V70	DIODE	1	B0HALP000002
D0424	B0JCPD000010	DIODE	1	
D703	B0JCPD000010	DIODE	1	
D705	B0JCPD000010	DIODE	1	
D801	MA152WK	DIODE	1	MA3X152E
D802	MA152WK	DIODE	1	MA3X152E
D803	MA152WK	DIODE	1	MA3X152E
D804	MA152WK	DIODE	1	MA3X152E
D805	MA152WK	DIODE	1	MA3X152E
D806	MA152WK	DIODE	1	MA3X152E
D807	MA152WK	DIODE	1	MA3X152E
D808	MA152WK	DIODE	1	MA3X152E
D809	MA152WK	DIODE	1	MA3X152E
D810	MA152WK	DIODE	1	MA3X152E
D811	MA152WK	DIODE	1	MA3X152E
D812	MA152WK	DIODE	1	MA3X152E
D813	MA152WK	DIODE	1	MA3X152E
D814	MA152WK	DIODE	1	MA3X152E
D815	MA152WK	DIODE	1	MA3X152E
D816	MA152WK	DIODE	1	MA3X152E
D817	MA152WK	DIODE	1	MA3X152E
D818	MA152WK	DIODE	1	MA3X152E
D819	MA152WK	DIODE	1	MA3X152E
D820	MA152WK	DIODE	1	MA3X152E
D821	MA152WK	DIODE	1	MA3X152E
D822	MA152WK	DIODE	1	MA3X152E
D823	MA152WK	DIODE	1	MA3X152E
D824	MA152WK	DIODE	1	MA3X152E
D825	MA152WK	DIODE	1	MA3X152E
D826	MA152WK	DIODE	1	MA3X152E

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D1001	B0JCPD000010	DIODE	1	
D1002	MA5062	DIODE	1	MAZ5062
D1003	MA720	DIODE	1	MA3X720
D1004	MA720	DIODE	1	MA3X720
D1005	B0JCPD000010	DIODE	1	
D1006	D1FL20UF4063	DIODE	1	B0HCMM000001
D1007	D1FL20UF4063	DIODE	1	B0HCMM000001
D1008	D1FL20UF4063	DIODE	1	B0HCMM000001
D1009	MA5062	DIODE	1	MAZ5062
D1010	B0JCPD000010	DIODE	1	
D1011	B0JCPD000010	DIODE	1	
D1012	MA5062	DIODE	1	MAZ5062
D1013	MA5062	DIODE	1	MAZ5062
D1014	MA152WK	DIODE	1	MA3X152E
D2001	B3ABB0000088	LED	1	
D2002	B3ABB0000088	LED	1	
D2003	B3ABB0000088	LED	1	
D2604	MA152WK	DIODE	1	MA3X152E
D2605	MA152WK	DIODE	1	MA3X152E
D2606	MA3062M	ZENER DIODE	1	MAZ30620M
D2607	MA3062M	ZENER DIODE	1	MAZ30620M
D2608	MA3062M	ZENER DIODE	1	MAZ30620M
D2609	MA3062M	ZENER DIODE	1	MAZ30620M
D2610	MA3062M	ZENER DIODE	1	MAZ30620M
D2611	MA3062M	ZENER DIODE	1	MAZ30620M
D2612	MA3062M	ZENER DIODE	1	MAZ30620M
D2613	MA3062M	ZENER DIODE	1	MAZ30620M
D2614	MA3062M	ZENER DIODE	1	MAZ30620M
D2615	MA3062M	ZENER DIODE	1	MAZ30620M
D2616	MA152WK	DIODE	1	MA3X152E
D2617	MA152WK	DIODE	1	MA3X152E
D2618	MA152WK	DIODE	1	MA3X152E
D2620	MA152WK	DIODE	1	MA3X152E
D2621	LNJ107W5ARA1	LED	1	
D2622	LNJ107W5ARA1	LED	1	
D2623	MA152WK	DIODE	1	MA3X152E
D2624	MA152WK	DIODE	1	MA3X152E
D3001	MA157A	DIODE	1	MA3X157A
D3002	MA157A	DIODE	1	MA3X157A
D3003	MA157A	DIODE	1	MA3X157A
D3004	MA157A	DIODE	1	MA3X157A
D3005	MA157A	DIODE	1	MA3X157A
D3006	MA157A	DIODE	1	MA3X157A
D3007	MA152WK	DIODE	1	MA3X152E
D3008	MA3056M	ZENER DIODE	1	MAZ30560M
D3009	MA3056M	ZENER DIODE	1	MAZ30560M
D3010	MA3056M	ZENER DIODE	1	MAZ30560M
D3011	MA3056M	ZENER DIODE	1	MAZ30560M
D3012	MA157A	DIODE	1	MA3X157A
D3013	MA157A	DIODE	1	MA3X157A
D3014	MA157A	DIODE	1	MA3X157A
D3015	MA157A	DIODE	1	MA3X157A
D3016	MA157A	DIODE	1	MA3X157A
D3017	MA157A	DIODE	1	MA3X157A


Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3018	MA157A	DIODE	1	MA3X157A
D3019	MA157A	DIODE	1	MA3X157A
D3020	MA157A	DIODE	1	MA3X157A
D3021	MA157A	DIODE	1	MA3X157A
D3022	MA157A	DIODE	1	MA3X157A
D3023	MA157A	DIODE	1	MA3X157A
D3024	MA157A	DIODE	1	MA3X157A
D3025	MA157A	DIODE	1	MA3X157A
D3026	MA157A	DIODE	1	MA3X157A
D3027	MA157A	DIODE	1	MA3X157A
D3028	MA111	DIODE	1	MA2J111
D3029	MA157A	DIODE	1	MA3X157A
D3030	MA152WK	DIODE	1	MA3X152E
D3031	MA152WK	DIODE	1	MA3X152E
D3032	MA152WK	DIODE	1	MA3X152E
D3033	MA152WK	DIODE	1	MA3X152E
D3034	MA152WA	DIODE	1	MA3X152D
D3035	MA152WA	DIODE	1	MA3X152D
D3036	MA157A	DIODE	1	MA3X157A
D3037	MA157A	DIODE	1	MA3X157A
D3040	MA152WK	DIODE	1	MA3X152E
D3041	B3ABB0000088	LED	1	
D3042	MA152WK	DIODE	1	MA3X152E
D3044	MA152WK	DIODE	1	MA3X152E
D3047	MA3047M	ZENER DIODE	1	MAZ30470M
D3048	MA3047M	ZENER DIODE	1	MAZ30470M
D9001	ERZV14D471	VARISTOR	1	
D9901	MA152K	DIODE	1	MA3X152K
D9902	MA152K	DIODE	1	MA3X152K
D9951	LN21RPHL	LED (RED)	1	
D9952	LN21RPHL	LED (RED)	1	
D9953	LN21RPHL	LED (RED)	1	
D9954	LN11WP38	LED	1	
D9955	MA152K	DIODE	1	MA3X152K
D9956	MA152K	DIODE	1	MA3X152K
[COILS]				
L0401	EXCELD35C	CORE	1	
L0402	EXCELD35C	CORE	1	
L0403	G0A101GA0001	COIL	1	
L701	G0A101GA0017	CHOKE COIL	1	
L702	G0A101GA0017	CHOKE COIL	1	
L1001	G0A101GA0001	COIL	1	
L1002	EXCELD35C	CORE	1	
L1003	EXCELD35C	CORE	1	
L1004	EXCELD35C	CORE	1	
L1005	EXCELD35C	CORE	1	
L1006	EXCELD35C	CORE	1	
L1007	G1C150M00010	COIL	1	
L1009	ETQP6F2R0LFA	COIL	1	
L1010	ETQP6F2R0LFA	COIL	1	
L1011	ETQP6F2R0LFA	COIL	1	
L1012	ETQP6F2R0LFA	COIL	1	

DATE	REVISION	CODE		
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L2001	TLTAZ100K	PEAKING COIL	1	G1C100KA0002
L2002	G1C100KA0008	COIL	1	
L2003	G1C100KA0008	COIL	1	
L2004	G1C100KA0008	COIL	1	
L2005	G1C100KA0008	COIL	1	
L2006	G1C100KA0008	COIL	1	
L2007	G1C100KA0008	COIL	1	
L2008	G1C100KA0008	COIL	1	
L2009	TLTAZ100K	PEAKING COIL	1	G1C100KA0002
L2010	G1C100KA0008	COIL	1	
L2600	TLTAZ100K	PEAKING COIL	1	G1C100KA0002
L2601	ELJFA6R8JB	CHIP COIL	1	
L3005	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3006	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3007	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3008	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3009	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3010	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3011	J0JGC0000021	EMI FILTER	1	
L3012	J0JGC0000021	EMI FILTER	1	
L3013	J0JGC0000021	EMI FILTER	1	
L3014	J0JGC0000021	EMI FILTER	1	
L3015	J0JGC0000021	EMI FILTER	1	
L3016	J0JGC0000021	EMI FILTER	1	
L3017	J0JGC0000021	EMI FILTER	1	
L3018	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3019	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3020	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3021	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3022	ELJFA6R8JB	CHIP COIL	1	
L3023	ELJFA6R8JB	CHIP COIL	1	
L3024	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3025	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3026	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3027	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3028	ELJFA6R8JB	CHIP COIL	1	
L3029	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3030	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3031	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3032	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3033	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3034	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3035	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3036	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3037	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3038	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3041	J0JGC0000021	EMI FILTER	1	
L3044	J0JGC0000021	EMI FILTER	1	
L3045	J0JGC0000021	EMI FILTER	1	
L3046	J0JGC0000021	EMI FILTER	1	
L3047	J0JGC0000021	EMI FILTER	1	
L3048	J0JGC0000021	EMI FILTER	1	
L3049	J0JGC0000021	EMI FILTER	1	
L3050	J0JGC0000021	EMI FILTER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3051	J0JGC0000021	EMI FILTER	1	
L3052	J0JGC0000021	EMI FILTER	1	
L3053	J0JGC0000021	EMI FILTER	1	
L3054	J0JGC0000021	EMI FILTER	1	
L3055	J0JGC0000021	EMI FILTER	1	
L3056	J0JGC0000021	EMI FILTER	1	
L3057	J0JGC0000021	EMI FILTER	1	
L3058	J0JGC0000021	EMI FILTER	1	
L3059	J0JGC0000021	EMI FILTER	1	
L3060	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3061	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3062	J0JGC0000021	EMI FILTER	1	
L3063	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3064	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3065	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3066	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3067	J0JGC0000021	EMI FILTER	1	
L3068	J0JGC0000021	EMI FILTER	1	
L3070	J0JGC0000021	EMI FILTER	1	
L3071	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3072	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3073	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3074	ERJ3GEY0R00	M 0 OHM 1/16W	1	
L3075	J0JGC0000021	EMI FILTER	1	
L9001	G0BYYM00002	COIL	1	⚠
L9002	G0BYYM00002	COIL	1	⚠
LC2001	EXCCET103U	EMI FILTER	1	
LC2002	EXCCET103U	EMI FILTER	1	
LC2003	EXCCET103U	EMI FILTER	1	
LC2005	EXCCET103U	EMI FILTER	1	
LC2006	EXCCET103U	EMI FILTER	1	
LC2007	EXCCET103U	EMI FILTER	1	
LC2008	EXCCET103U	EMI FILTER	1	
LC2601	EXCCET103U	EMI FILTER	1	
LC2602	ELKE101FA	EMI FILTER	1	
LC2603	ELKE101FA	EMI FILTER	1	
LC2604	ELKE101FA	EMI FILTER	1	
LC2605	ELKE101FA	EMI FILTER	1	
LC2606	ELKE101FA	EMI FILTER	1	
LC2607	ELKE101FA	EMI FILTER	1	
LC2608	ELKE101FA	EMI FILTER	1	
LC2609	ELKE101FA	EMI FILTER	1	
LC2610	ELKE101FA	EMI FILTER	1	
LC2611	ELKE101FA	EMI FILTER	1	
LC2612	ELKE101FA	EMI FILTER	1	
LC2613	ELKE101FA	EMI FILTER	1	
LC2614	ELKE101FA	EMI FILTER	1	
LC2615	ELKE101FA	EMI FILTER	1	
LC2616	ELKE101FA	EMI FILTER	1	
LC2617	ELKE101FA	EMI FILTER	1	
LC2618	ELKE101FA	EMI FILTER	1	
LC2619	ELKE101FA	EMI FILTER	1	
LC2620	ELKE101FA	EMI FILTER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
LC2621	ELKE101FA	EMI FILTER	1	
LC2622	ELKE101FA	EMI FILTER	1	
LC2623	ELKE101FA	EMI FILTER	1	
LC2624	ELKE101FA	EMI FILTER	1	
LC2625	ELKE101FA	EMI FILTER	1	
LC3001	ELKE101FA	EMI FILTER	1	
LC3002	ELKE101FA	EMI FILTER	1	
LC3003	ELKE101FA	EMI FILTER	1	
LC3004	ELKE101FA	EMI FILTER	1	
LC3005	EXCCET103U	EMI FILTER	1	
LC3007	EXCCET103U	EMI FILTER	1	
LC3009	EXCCET103U	EMI FILTER	1	
LC3011	EXCCET103U	EMI FILTER	1	
[RESISTORS]				
R0101	ERJ6GEYJ561	M 560 OHM J 1/10W	1	
R0102	ERJ6GEYJ561	M 560 OHM J 1/10W	1	
R0103	ERU5TEK5R1	F 5.1 OHM 5W	1	
R0104	ERJ6ENF8203	M 820KOHM 1/10W	1	
R0105	ERJ6ENF8203	M 820KOHM 1/10W	1	
R0106	ERJ6ENF1502	M 15KOHM 1/10W	1	
R0109	ERJ6GEYJ105	M 1MOHM J 1/10W	1	
R0110	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R0111	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R0112	ERJ6GEYJ391	M 390 OHM J 1/10W	1	
R0114	ERJ6GEYJ100	M 10 OHM J 1/10W	1	
R0120	ERJ6ENF5101	M 5.1KOHM 1/10W	1	
R0121	ERJ6ENF5101	M 5.1KOHM 1/10W	1	
R0122	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R0123	ERJ6ENF1503	M 150KOHM 1/10W	1	
R0124	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R0125	ERF10TLK47M	W 0.47OHM 10W	1	
R0126	ERJ12YJ103H	M 10KOHM 1/2W	1	
R0127	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R0128	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R0129	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R0131	ERF10TLK47M	W 0.47OHM 10W	1	
R0132	ERJ12YJ103H	M 10KOHM 1/2W	1	
R0133	ERJ12YJ100H	M 10 OHM 1/2W	1	
R0134	ERJ12YJ100H	M 10 OHM 1/2W	1	
R0137	ERJ6ENF4703	M 470KOHM 1/10W	1	
R0138	ERJ6ENF3303	M 330KOHM 1/10W	1	
R0139	ERJ6ENF4703	M 470KOHM 1/10W	1	
R0140	ERJ6ENF1203	M 120KOHM 1/10W	1	
R0141	ERJ6GEYJ105	M 1MOHM J 1/10W	1	
R0144	ERJ6GEYJ153	M 15KOHM J 1/10W	1	
R0145	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0146	ERU5TEK5R1	F 5.1 OHM 5W	1	
R0147	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R0148	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0149	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R0150	ERJ6GEYJ272	M 2.7KOHM J 1/10W	1	
R0151	ERJ6ENF4703	M 470KOHM 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R0152	ERJ6ENF3303	M 330KOHM 1/10W	1	
R0153	ERJ6ENF4703	M 470KOHM 1/10W	1	
R0154	ERJ6ENF1203	M 120KOHM 1/10W	1	
R0155	ERJ6ENF1503	M 150KOHM 1/10W	1	
R0156	ERJ6ENF1502	M 15KOHM 1/10W	1	
R0157	ERJ6ENF1001	M 1KOHM 1/10W	1	
R0158	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R0159	ERJ6ENF4703	M 470KOHM 1/10W	1	
R0160	ERJ6ENF4703	M 470KOHM 1/10W	1	
R0161	ERJ6ENF3303	M 330KOHM 1/10W	1	
R0162	ERJ6ENF3303	M 330KOHM 1/10W	1	
R0163	ERJ6ENF6202	M 62KOHM 1/10W	1	
R0164	ERJ6ENF4751	M 4.75KOHM 1/10W	1	
R0165	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0401	ERG5FJ823	M 82KOHM 5W	1	
R0402	ERJ6GEYJ333	M 33KOHM J 1/10W	1	
R0403	ERJ6ENF2702	M 27KOHM 1/10W	1	
R0404	ERJ6ENF1002	M 10KOHM 1/10W	1	
R0405	ERJ6GEYJ564	M 560KOHM J 1/10W	1	
R0406	ERJ6GEYJ564	M 560KOHM J 1/10W	1	
R0407	ERJ6GEYJ624	M 620KOHM J 1/10W	1	
R0408	ERJ6GEYJ333	M 33KOHM J 1/10W	1	
R0409	ERJ6GEYJ183	M 18KOHM J 1/10W	1	
R0410	ERJ6GEYJ681	M 680 OHM J 1/10W	1	
R0411	ERJ6ENF3903	M 390KOHM 1/10W	1	
R0412	ERJ6ENF3903	M 390KOHM 1/10W	1	
R0413	ERJ6ENF3903	M 390KOHM 1/10W	1	
R0414	ERJ6ENF3302	M 33KOHM 1/10W	1	
R0415	D1AGR220A002	RESISTOR	1	
R0417	D1AGR220A003	RESISTOR	1	
R0418	ERJ6GEYJ152	M 1.5KOHM J 1/10W	1	
R0419	ERJ6GEYJ152	M 1.5KOHM J 1/10W	1	
R0420	D1AGR220A003	RESISTOR	1	
R0421	ERG5FJ823	M 82KOHM 5W	1	
R0422	ERJ6GEYJ152	M 1.5KOHM J 1/10W	1	
R0423	ERDS1FJ220	C 22 OHM J 1/2W	1	
R0424	ERJ6GEYJ272	M 2.7KOHM J 1/10W	1	
R0425	ERD75TAJ825	C 8.2MOHM J 3/4W	1	
R0426	ERJ6GEYJ392	M 3.9KOHM J 1/10W	1	
R0427	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R0428	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0429	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0432	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0433	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0440	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0441	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R0442	ERJ6GEYJ153	M 15KOHM J 1/10W	1	
R0443	ERJ6GEYJ331	M 330 OHM J 1/10W	1	
R0448	ERJ6GEYJ153	M 15KOHM J 1/10W	1	
R0452	ERJ6GEYJ392	M 3.9KOHM J 1/10W	1	
R704	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R705	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R706	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R707	ERJ6GEYJ220	M 22 OHM J 1/10W	1	

TYPE	ENCLOSURES	WALK-THROUGH	DATE	TIME
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R708	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R709	ERJ6GEYJ123	M 12KOHM J 1/10W	1	
R710	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R711	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R712	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R713	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R714	ERJ6GEYJ183	M 18KOHM J 1/10W	1	
R715	ERJ6GEYJ822	M 8.2KOHM J 1/10W	1	
R716	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R717	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R718	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R719	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R722	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R723	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R724	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R726	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R727	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R728	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R729	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R730	ERJ6ENF8450	M 845 OHM 1/10W	1	
R732	ERJ6GEYJ123	M 12KOHM J 1/10W	1	
R735	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R736	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R739	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R740	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R741	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R742	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R743	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R745	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R746	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R748	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R749	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R750	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R751	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R752	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R753	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R754	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R755	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R756	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R757	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R758	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R759	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R760	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R761	ERJ6ENF8450	M 845 OHM 1/10W	1	
R762	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R763	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R764	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R765	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R766	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R767	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R768	ERJ6ENF1001	M 1KOHM 1/10W	1	
R769	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R770	ERJ6ENF1001	M 1KOHM 1/10W	1	
R771	ERJ6GEYJ103	M 10KOHM J 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R772	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R773	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R774	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R776	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R778	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R779	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R782	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R784	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R785	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R786	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R787	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R788	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R789	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R790	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R791	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R801	EXB38V103J	RESISTOR ARRAY	1	
R802	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R803	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R804	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R805	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R806	EXB38V103J	RESISTOR ARRAY	1	
R808	EXB38V103J	RESISTOR ARRAY	1	
R815	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R816	ERJ6ENF1213	M 121KOHM 1/10W	1	
R817	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R818	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R819	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R823	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R826	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R831	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R833	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R834	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R835	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R836	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R837	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R838	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R839	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R840	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R841	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R843	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R844	ERJ6ENF1213	M 121KOHM 1/10W	1	
R848	EXB38V103J	RESISTOR ARRAY	1	
R850	EXB38V103J	RESISTOR ARRAY	1	
R853	ERJ6ENF2743	M 274KOHM 1/10W	1	
R854	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R855	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R856	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R857	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R858	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R859	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R860	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R861	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R862	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R863	ERJ6GEYJ223	M 22KOHM J 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R864	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R865	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R866	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R867	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R868	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R869	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R870	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R871	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R872	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R873	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R874	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R875	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R876	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R877	ERJ6GEYJ334	M 330KOHM J 1/10W	1	
R878	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R879	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R880	EXB38V103J	RESISTOR ARRAY	1	
R881	ERJ6GEYJ821	M 820 OHM J 1/10W	1	
R882	ERJ6GEYJ821	M 820 OHM J 1/10W	1	
R883	EXB38V103J	RESISTOR ARRAY	1	
R884	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R885	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R886	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R887	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R888	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R889	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R890	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R891	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R892	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R893	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R894	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R895	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R896	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R897	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R898	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R899	EXB38V103J	RESISTOR ARRAY	1	
R900	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R901	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R902	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R903	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R904	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R905	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R906	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R907	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R908	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R909	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R910	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R911	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R912	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R913	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R914	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R915	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R916	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R917	ERJ6GEYJ223	M 22KOHM J 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R918	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R919	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R920	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R921	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R922	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R926	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R927	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1001	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1003	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1004	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1005	ERJ6GEYJ333	M 33KOHM J 1/10W	1	
R1006	ERJ6GEYJ105	M 1MOHM J 1/10W	1	
R1007	ERJ6GEYJ333	M 33KOHM J 1/10W	1	
R1008	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1009	ERJ6GEYJ105	M 1MOHM J 1/10W	1	
R1010	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1011	ERJ6GEYJ330	M 33 OHM J 1/10W	1	
R1012	ERJ6ENF1201	M 1.2KOHM 1/10W	1	
R1013	ERJL1WKJ10C	RESISTOR	1	
R1014	ERJL1WKJ10C	RESISTOR	1	
R1015	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1016	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1017	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1018	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1019	ERJ6GEYJ100	M 10 OHM J 1/10W	1	
R1020	ERJ6GEYJ100	M 10 OHM J 1/10W	1	
R1021	ERJ6GEYJ100	M 10 OHM J 1/10W	1	
R1022	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R1025	ERJ6GEYJ105	M 1MOHM J 1/10W	1	
R1026	ERJ6ENF2371	M2.37KOHM 1/10W	1	
R1027	ERJ6ENF2201	M 2.2KOHM 1/10W	1	
R1028	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R1029	ERJ6ENF1002	M 10KOHM 1/10W	1	
R1031	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1032	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1033	ERJ6GEYJ153	M 15KOHM J 1/10W	1	
R1034	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1035	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
R1036	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1037	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1038	ERJM1WSF8M0	RESISTOR	1	
R1039	ERJM1WSF8M0	RESISTOR	1	
R1040	ERJM1WSF8M0	RESISTOR	1	
R1041	ERJM1WSF8M0	RESISTOR	1	
R1042	ERJ6ENF1502	M 15KOHM 1/10W	1	
R1043	ERJ6ENF6811	M6.81KOHM 1/10W	1	
R1044	ERJ6ENF2202	M 2.2KOHM 1/10W	1	
R1045	ERJ6ENF6811	M6.81KOHM 1/10W	1	
R1046	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1047	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1049	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1050	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1051	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1052	ERJ6GEYJ102	M 1KOHM J 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1053	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1054	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1055	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1056	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R1057	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1058	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1059	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1060	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1061	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1062	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1063	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1064	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1065	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R1066	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1067	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1068	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1069	UN11027	IC PROTECTOR	1	UNH0127
R1074	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1075	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1076	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1077	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1078	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1079	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1080	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1081	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1082	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1083	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1084	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1085	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1086	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1087	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1088	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R1089	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1090	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1091	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1092	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1093	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R1094	ERJL1WKJ10C	RESISTOR	1	
R1095	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1096	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R1097	UN11027	IC PROTECTOR	1	UNH0127
R1098	UN11027	IC PROTECTOR	1	UNH0127
R1099	UN11027	IC PROTECTOR	1	UNH0127
R2001	EXB38V330J	RESISTOR ARRAY	1	
R2002	EXB38V330J	RESISTOR ARRAY	1	
R2003	EXB38V330J	RESISTOR ARRAY	1	
R2004	EXB38V330J	RESISTOR ARRAY	1	
R2005	EXB38V330J	RESISTOR ARRAY	1	
R2006	EXB38V330J	RESISTOR ARRAY	1	
R2007	EXB38V330J	RESISTOR ARRAY	1	
R2008	EXB38V330J	RESISTOR ARRAY	1	
R2009	EXB38V330J	RESISTOR ARRAY	1	
R2010	EXB38V330J	RESISTOR ARRAY	1	
R2011	EXB38V330J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2012	EXB38V330J	RESISTOR ARRAY	1	
R2013	EXB38V330J	RESISTOR ARRAY	1	
R2014	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2015	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2016	EXB38V330J	RESISTOR ARRAY	1	
R2017	EXB38V330J	RESISTOR ARRAY	1	
R2018	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2019	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2020	EXB38V330J	RESISTOR ARRAY	1	
R2021	EXB38V330J	RESISTOR ARRAY	1	
R2022	ERJ3GEYJ681	M 680 OHM J 1/16W	1	
R2023	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R2024	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R2025	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2026	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2027	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2032	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2033	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2034	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2035	EXB38V330J	RESISTOR ARRAY	1	
R2036	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2037	EXB38V330J	RESISTOR ARRAY	1	
R2038	EXB38V330J	RESISTOR ARRAY	1	
R2039	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2040	EXB38V330J	RESISTOR ARRAY	1	
R2041	EXB38V330J	RESISTOR ARRAY	1	
R2042	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2043	EXB38V330J	RESISTOR ARRAY	1	
R2044	EXB38V330J	RESISTOR ARRAY	1	
R2045	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2046	EXB38V330J	RESISTOR ARRAY	1	
R2047	EXB38V330J	RESISTOR ARRAY	1	
R2048	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2049	EXB38V330J	RESISTOR ARRAY	1	
R2050	EXB38V330J	RESISTOR ARRAY	1	
R2051	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2052	EXB38V330J	RESISTOR ARRAY	1	
R2053	EXB38V330J	RESISTOR ARRAY	1	
R2054	EXB38V330J	RESISTOR ARRAY	1	
R2056	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R2057	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2058	EXB38V152J	RESISTOR ARRAY	1	
R2059	EXB38V152J	RESISTOR ARRAY	1	
R2060	EXB38V152J	RESISTOR ARRAY	1	
R2061	EXB38V152J	RESISTOR ARRAY	1	
R2062	EXB38V152J	RESISTOR ARRAY	1	
R2063	EXB38V152J	RESISTOR ARRAY	1	
R2064	EXB38V152J	RESISTOR ARRAY	1	
R2065	EXB38V152J	RESISTOR ARRAY	1	
R2066	EXB38V152J	RESISTOR ARRAY	1	
R2067	EXB38V152J	RESISTOR ARRAY	1	
R2068	EXB38V152J	RESISTOR ARRAY	1	
R2069	EXB38V152J	RESISTOR ARRAY	1	
R2070	EXB38V152J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2071	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2072	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2073	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2074	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2075	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2076	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2077	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2078	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2079	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2080	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2081	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2082	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2083	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2084	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2085	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2086	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2087	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2088	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2093	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2094	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2095	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2100	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2101	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2102	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2103	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2104	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2106	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2107	EXB38V330J	RESISTOR ARRAY	1	
R2108	EXB38V330J	RESISTOR ARRAY	1	
R2109	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2110	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2111	EXB38V330J	RESISTOR ARRAY	1	
R2112	EXB38V330J	RESISTOR ARRAY	1	
R2113	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2114	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2115	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2116	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2117	EXB38V330J	RESISTOR ARRAY	1	
R2118	EXB38V330J	RESISTOR ARRAY	1	
R2119	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2120	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2121	EXB38V330J	RESISTOR ARRAY	1	
R2122	EXB38V330J	RESISTOR ARRAY	1	
R2123	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2124	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2125	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2126	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2127	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2128	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2129	EXB38V330J	RESISTOR ARRAY	1	
R2130	EXB38V330J	RESISTOR ARRAY	1	
R2131	EXB38V330J	RESISTOR ARRAY	1	
R2132	EXB38V330J	RESISTOR ARRAY	1	
R2133	EXB38V330J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2134	EXB38V330J	RESISTOR ARRAY	1	
R2135	EXB38V330J	RESISTOR ARRAY	1	
R2136	EXB38V330J	RESISTOR ARRAY	1	
R2137	EXB38V330J	RESISTOR ARRAY	1	
R2138	EXB38V330J	RESISTOR ARRAY	1	
R2139	EXB38V330J	RESISTOR ARRAY	1	
R2140	EXB38V330J	RESISTOR ARRAY	1	
R2141	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2142	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2143	EXB38V330J	RESISTOR ARRAY	1	
R2144	EXB38V330J	RESISTOR ARRAY	1	
R2145	EXB38V330J	RESISTOR ARRAY	1	
R2146	EXB38V330J	RESISTOR ARRAY	1	
R2147	EXB38V330J	RESISTOR ARRAY	1	
R2148	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2149	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2152	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2153	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2154	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2155	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2156	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2157	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2158	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2159	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2160	EXB38V820J	RESISTOR ARRAY	1	
R2161	EXB38V820J	RESISTOR ARRAY	1	
R2162	EXB38V820J	RESISTOR ARRAY	1	
R2163	EXB38V820J	RESISTOR ARRAY	1	
R2164	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2166	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2167	EXB38V820J	RESISTOR ARRAY	1	
R2168	EXB38V820J	RESISTOR ARRAY	1	
R2171	EXB38V820J	RESISTOR ARRAY	1	
R2172	EXB38V820J	RESISTOR ARRAY	1	
R2173	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2174	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2175	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2176	UN11027	IC PROTECTOR	1	UNH0127
R2177	UN11027	IC PROTECTOR	1	UNH0127
R2178	UN11027	IC PROTECTOR	1	UNH0127
R2179	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2184	EXB38V330J	RESISTOR ARRAY	1	
R2185	EXB38V330J	RESISTOR ARRAY	1	
R2186	EXB38V330J	RESISTOR ARRAY	1	
R2187	EXB38V330J	RESISTOR ARRAY	1	
R2188	EXB38V330J	RESISTOR ARRAY	1	
R2189	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2190	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2191	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2192	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2193	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2194	ERJ6ENF2100	M 210 OHM 1/10W	1	
R2195	ERJ6ENF1001	M 1KOHM 1/10W	1	
R2196	ERJ6ENF47R0	M 47 OHM 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2197	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2198	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2199	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2201	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2202	ERJ6ENF5600	M 560 OHM 1/10W	1	
R2204	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2205	ERJ6ENF1001	M 1KOHM 1/10W	1	
R2206	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2208	ERJ6ENF47R0	M 47 OHM 1/10W	1	
R2209	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2210	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2212	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2214	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2215	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2216	ERJ3GEYJ182	M 1.8KOHM J 1/16W	1	
R2217	ERJ3GEYJ105	M 1M OHM J 1/16W	1	
R2218	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2219	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2220	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2221	ERJ6ENF1001	M 1KOHM 1/10W	1	
R2222	ERJ6ENF1001	M 1KOHM 1/10W	1	
R2223	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2224	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2225	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2226	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2227	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2228	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2230	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2232	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2236	ERJ6ENF5600	M 560 OHM 1/10W	1	
R2237	ERJ6ENF1271	M1.27KOHM 1/10W	1	
R2238	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2239	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2240	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2241	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2242	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2243	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2244	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2245	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2246	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2247	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2248	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2249	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2250	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2251	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2252	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2253	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2254	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2255	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2256	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2257	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2258	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2259	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2260	ERJ6GEYJ151	M 150 OHM J 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2261	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2262	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2263	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2264	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2265	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2266	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2267	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2268	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2269	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2270	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2271	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2272	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2273	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2274	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2275	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2276	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2277	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2278	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2279	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2280	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2281	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2282	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2283	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2284	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2285	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2286	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2287	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2288	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2289	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2290	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2291	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2292	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2293	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2294	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2295	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2296	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2297	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2298	ERJ6GEYJ151	M 150 OHM J 1/10W	1	
R2299	EXB38V330J	RESISTOR ARRAY	1	
R2300	EXB38V330J	RESISTOR ARRAY	1	
R2301	EXB38V330J	RESISTOR ARRAY	1	
R2302	EXB38V330J	RESISTOR ARRAY	1	
R2303	EXB38V330J	RESISTOR ARRAY	1	
R2304	EXB38V330J	RESISTOR ARRAY	1	
R2305	EXB38V330J	RESISTOR ARRAY	1	
R2306	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2307	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2311	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2312	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2313	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2314	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2315	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2316	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2318	EXB38V472J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2319	ERJ3GEYJ182	M 1.8KOHM J 1/16W	1	
R2320	ERJ3GEYJ105	M 1M OHM J 1/16W	1	
R2321	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2322	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2323	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2324	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2325	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2327	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2328	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2329	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2330	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2333	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2334	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2335	ERJ3GEYJ202	M 2K OHM J 1/16W	1	
R2336	EXB38V472J	RESISTOR ARRAY	1	
R2337	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2338	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2339	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2340	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2341	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2343	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2344	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2347	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2348	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2349	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2350	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2351	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2352	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2353	EXB38V330J	RESISTOR ARRAY	1	
R2356	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2357	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2358	EXB38V330J	RESISTOR ARRAY	1	
R2359	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2360	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R2361	EXB38VR000	RESISTOR ARRAY	1	
R2362	EXB38V330J	RESISTOR ARRAY	1	
R2363	EXB38V330J	RESISTOR ARRAY	1	
R2364	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2365	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2366	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2367	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2368	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2369	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2370	EXB38V330J	RESISTOR ARRAY	1	
R2371	EXB38V330J	RESISTOR ARRAY	1	
R2372	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2373	EXB38V330J	RESISTOR ARRAY	1	
R2374	EXB38V330J	RESISTOR ARRAY	1	
R2375	EXB38V330J	RESISTOR ARRAY	1	
R2376	EXB38V330J	RESISTOR ARRAY	1	
R2377	EXB38V330J	RESISTOR ARRAY	1	
R2378	EXB38V330J	RESISTOR ARRAY	1	
R2379	EXB38V330J	RESISTOR ARRAY	1	
R2380	EXB38V330J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2381	EXB38V330J	RESISTOR ARRAY	1	
R2382	EXB38V330J	RESISTOR ARRAY	1	
R2383	EXB38V330J	RESISTOR ARRAY	1	
R2384	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2385	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2386	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2399	ERJ3GEYJ100	M 10 OHM J 1/16W	1	
R2400	ERJ3GEYJ100	M 10 OHM J 1/16W	1	
R2401	ERJ3GEYJ100	M 10 OHM J 1/16W	1	
R2600	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2601	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2602	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2603	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2604	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2605	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2606	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2607	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2609	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2610	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2611	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2613	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2614	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2616	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2617	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2618	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2620	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2621	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2622	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2623	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2624	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2625	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2626	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2627	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2628	EXB38V472J	RESISTOR ARRAY	1	
R2629	EXB38V472J	RESISTOR ARRAY	1	
R2630	EXB38V472J	RESISTOR ARRAY	1	
R2631	EXB38V472J	RESISTOR ARRAY	1	
R2632	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2633	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2634	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2635	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2636	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2637	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2638	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2639	EXB38V472J	RESISTOR ARRAY	1	
R2640	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2642	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2643	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2644	EXB38V472J	RESISTOR ARRAY	1	
R2646	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2647	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2648	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2649	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2650	ERJ3GEYJ220	M 22 OHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2651	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2652	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2653	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2654	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2655	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2656	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2658	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2660	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2662	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2663	EXB38V220J	RESISTOR ARRAY	1	
R2664	EXB38V220J	RESISTOR ARRAY	1	
R2665	EXB38V220J	RESISTOR ARRAY	1	
R2666	EXB38V220J	RESISTOR ARRAY	1	
R2667	EXB38V220J	RESISTOR ARRAY	1	
R2668	EXB38V220J	RESISTOR ARRAY	1	
R2669	EXB38V220J	RESISTOR ARRAY	1	
R2670	EXB38V220J	RESISTOR ARRAY	1	
R2671	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2673	ERJ6GEYJ392	M 3.9KOHM J 1/10W	1	
R2674	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2675	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2677	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2678	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2680	ERJ6GEYJ822	M 8.2KOHM J 1/10W	1	
R2681	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2682	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2683	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2684	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2686	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R2687	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2688	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R2689	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2691	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2692	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2693	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2694	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2696	EXB38V220J	RESISTOR ARRAY	1	
R2697	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R2700	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2701	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2702	EXB38V220J	RESISTOR ARRAY	1	
R2703	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2704	EXB38V102J	RESISTOR ARRAY	1	
R2705	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2706	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2708	EXB38V220J	RESISTOR ARRAY	1	
R2709	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2710	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2711	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2712	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2713	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2714	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2715	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2716	EXB38V220J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2717	EXB38V220J	RESISTOR ARRAY	1	
R2718	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2719	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2720	EXB38V220J	RESISTOR ARRAY	1	
R2721	EXB38V220J	RESISTOR ARRAY	1	
R2722	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R2723	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2724	EXB38V220J	RESISTOR ARRAY	1	
R2725	EXB38V220J	RESISTOR ARRAY	1	
R2726	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R2727	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2728	EXB38V220J	RESISTOR ARRAY	1	
R2729	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2730	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2731	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2732	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2733	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2734	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2735	EXB38V220J	RESISTOR ARRAY	1	
R2736	EXB38V220J	RESISTOR ARRAY	1	
R2737	EXB38V220J	RESISTOR ARRAY	1	
R2738	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2739	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R2740	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2741	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2742	EXB38V220J	RESISTOR ARRAY	1	
R2743	EXB38V220J	RESISTOR ARRAY	1	
R2744	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R2745	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2746	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2747	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2748	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2749	EXB38V220J	RESISTOR ARRAY	1	
R2750	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R2751	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2752	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2753	EXB38V220J	RESISTOR ARRAY	1	
R2754	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R2755	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2756	EXB38V220J	RESISTOR ARRAY	1	
R2757	EXB38V220J	RESISTOR ARRAY	1	
R2758	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R2759	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2760	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2761	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2762	EXB38V220J	RESISTOR ARRAY	1	
R2763	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2764	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2765	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R2766	EXB38V220J	RESISTOR ARRAY	1	
R2767	EXB38V220J	RESISTOR ARRAY	1	
R2768	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2769	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2770	ERJ6ENF2202	M 2.2KOHM 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2771	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2772	ERJ3GEYJ470	M 47 OHM J 1/16W	1	
R2773	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2774	EXB38V220J	RESISTOR ARRAY	1	
R2775	EXB38V220J	RESISTOR ARRAY	1	
R2776	EXB38V220J	RESISTOR ARRAY	1	
R2777	EXB38V220J	RESISTOR ARRAY	1	
R2778	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2779	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2780	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2781	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2782	ERJ6ENF2202	M 2.2KOHM 1/10W	1	
R2783	ERJ6ENF2202	M 2.2KOHM 1/10W	1	
R2784	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2785	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2786	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2788	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2789	EXB38V103J	RESISTOR ARRAY	1	
R2790	ERJ3GEYJ682	M 6.8KOHM J 1/16W	1	
R2791	ERJ3GEYJ822	M 8.2KOHM J 1/16W	1	
R2792	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2793	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2795	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2796	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2797	ERJ3GEYJ105	M 1M OHM J 1/16W	1	
R2798	ERJ3GEYJ105	M 1M OHM J 1/16W	1	
R2799	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R2800	ERJ3GEYJ105	M 1M OHM J 1/16W	1	
R2801	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2802	EXB38V472J	RESISTOR ARRAY	1	
R2803	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2804	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2805	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2806	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2807	EXB38V472J	RESISTOR ARRAY	1	
R2814	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2815	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2816	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2817	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2818	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2819	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2820	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2822	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2823	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2824	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2825	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2826	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2827	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2828	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2829	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2830	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2831	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2832	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2833	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2834	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2835	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2836	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2837	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2838	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2839	ERJ6GEYJ330	M 33 OHM J 1/10W	1	
R2841	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2842	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2843	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2844	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2845	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R2846	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R2848	ERJ6GEYJ182	M 1.8KOHM J 1/10W	1	
R2849	ERJ6GEYJ272	M 2.7KOHM J 1/10W	1	
R2850	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2851	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R2852	ERJ6GEYJ181	M 180 OHM J 1/10W	1	
R2853	ERJ6GEYJ182	M 1.8KOHM J 1/10W	1	
R2854	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R2855	ERJ6GEYJ181	M 180 OHM J 1/10W	1	
R2856	ERJ6GEYJ182	M 1.8KOHM J 1/10W	1	
R2857	ERJ6GEYJ182	M 1.8KOHM J 1/10W	1	
R2858	ERJ6GEYJ2R2	M 2.2 OHM J 1/10W	1	
R2859	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R2860	ERJ6GEYJ181	M 180 OHM J 1/10W	1	
R2861	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R2862	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R2863	ERJ6GEYJ181	M 180 OHM J 1/10W	1	
R2864	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R2865	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R2866	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2867	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2868	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2869	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2870	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R2871	ERJ6GEYJ391	M 390 OHM J 1/10W	1	
R2872	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R2873	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R2874	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2875	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R2876	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R2877	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2878	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R2879	ERJ6GEYJ220	M 22 OHM J 1/10W	1	
R2880	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2881	ERD25VJ1R0	RESISTOR	1	
R2882	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2883	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2884	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2885	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2886	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2887	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2888	ERJ6GEYJ561	M 560 OHM J 1/10W	1	
R2889	ERJ6GEYJ561	M 560 OHM J 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2890	ERJ6GEYJ561	M 560 OHM J 1/10W	1	
R2891	ERJ6GEYJ561	M 560 OHM J 1/10W	1	
R2893	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2895	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2896	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2897	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2898	EXB38V220J	RESISTOR ARRAY	1	
R2899	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2900	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2901	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2903	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2904	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2905	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2906	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2907	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2908	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2909	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2910	ERJ3GEYJ105	M 1M OHM J 1/16W	1	
R2911	ERJ3GEYJ184	M 180KOHM J 1/16W	1	
R2912	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2913	EXB38V220J	RESISTOR ARRAY	1	
R2914	EXB38V220J	RESISTOR ARRAY	1	
R2915	EXB38V220J	RESISTOR ARRAY	1	
R2916	EXB38V220J	RESISTOR ARRAY	1	
R2917	ERJ3GEYJ820	M 82 OHM J 1/16W	1	
R2918	ERJ3GEYJ820	M 82 OHM J 1/16W	1	
R2919	ERJ3GEYJ820	M 82 OHM J 1/16W	1	
R2920	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2921	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2922	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2923	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R2924	EXB38V103J	RESISTOR ARRAY	1	
R2925	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2926	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2927	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R2928	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2929	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2930	ERJ3GEYJ271	M 270 OHM J 1/16W	1	
R2931	ERJ3GEYJ271	M 270 OHM J 1/16W	1	
R2932	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R2933	ERJ3GEYJ561	M 560 OHM J 1/16W	1	
R2934	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R2936	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2937	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R2938	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2939	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2940	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2941	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2942	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2943	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2944	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2945	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2947	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2948	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2949	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R2950	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2951	ERJ3GEYJ153	M 15K OHM J 1/16W	1	
R2952	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R2953	ERJ3GEYJ820	M 82 OHM J 1/16W	1	
R2954	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2955	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R2956	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R2957	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R2958	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2959	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2960	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R2961	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2963	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R2964	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R2965	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R2966	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2967	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R2968	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2972	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R2973	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3005	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3006	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3007	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3008	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3009	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3010	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3011	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3012	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R3013	ERJ3GEYJ100	M 10 OHM J 1/16W	1	
R3014	ERJ3GEYJ100	M 10 OHM J 1/16W	1	
R3015	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3016	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3017	ERJ3GEYJ100	M 10 OHM J 1/16W	1	
R3019	ERJ3GEYJ100	M 10 OHM J 1/16W	1	
R3022	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R3024	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3025	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3026	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3027	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3029	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3030	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3031	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3032	ERJ3GEYJ473	M 47K OHM J 1/16W	1	
R3033	ERJ3EKF1200	M 120 OHM 0.063W	1	
R3034	ERJ3EKF1200	M 120 OHM 0.063W	1	
R3035	ERJ3EKF4700	M 470 OHM 0.063W	1	
R3036	ERJ3EKF4700	M 470 OHM 0.063W	1	
R3037	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3038	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3039	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3040	ERJ3GEYJ153	M 15K OHM J 1/16W	1	
R3041	ERJ3GEYJ152	M 1.5KOHM J 1/16W	1	
R3042	ERJ3GEYJ105	M 1M OHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3043	ERJ3GEYJ271	M 270 OHM J 1/16W	1	
R3044	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3045	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3046	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3047	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3048	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3049	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3050	ERJ3EKF47R0	M 47 OHM 0.063W	1	
R3051	EXB38VR000	RESISTOR ARRAY	1	
R3052	ERJ3EKF47R0	M 47 OHM 0.063W	1	
R3053	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3054	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3056	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3057	ERJ3EKF47R0	M 47 OHM 0.063W	1	
R3058	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3059	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3060	EXB38VR000	RESISTOR ARRAY	1	
R3061	EXB38VR000	RESISTOR ARRAY	1	
R3062	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3063	EXB38VR000	RESISTOR ARRAY	1	
R3064	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3065	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3066	EXB38VR000	RESISTOR ARRAY	1	
R3067	EXB38VR000	RESISTOR ARRAY	1	
R3068	EXB38V330J	RESISTOR ARRAY	1	
R3069	EXB38V330J	RESISTOR ARRAY	1	
R3070	EXB38VR000	RESISTOR ARRAY	1	
R3072	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3073	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3074	EXB38V330J	RESISTOR ARRAY	1	
R3075	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3076	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3077	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3079	EXB38V330J	RESISTOR ARRAY	1	
R3080	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3081	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3082	EXB38V330J	RESISTOR ARRAY	1	
R3083	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3084	ERJ3GEYJ391	M 390 OHM J 1/16W	1	D0GB391JA002
R3085	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3086	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3087	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3088	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3089	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3092	ERJ3GEYJ391	M 390 OHM J 1/16W	1	D0GB391JA002
R3093	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R3094	ERJ3GEYJ301	M 300 OHM J 1/16W	1	
R3095	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R3097	ERJ3GEYJ561	M 560 OHM J 1/16W	1	
R3098	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3099	ERJ3GEYJ151	M 150 OHM J 1/16W	1	
R3101	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3102	ERJ3GEYJ823	M 82KOHM J 1/16W	1	
R3103	ERJ3GEYJ103	M 10K OHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3104	ERJ3GEYJ301	M 300 OHM J 1/16W	1	
R3105	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3106	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3107	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3108	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3110	ERJ3GEYJ473	M 47K OHM J 1/16W	1	
R3111	ERJ3GEYJ473	M 47K OHM J 1/16W	1	
R3112	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3113	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3114	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3115	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R3116	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3117	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3118	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3119	ERJ3GEYJ222	M 2.2KOHM J 1/16W	1	
R3120	ERJ3GEYJ222	M 2.2KOHM J 1/16W	1	
R3121	ERJ3GEYJ222	M 2.2KOHM J 1/16W	1	
R3122	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3123	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3124	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3125	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3126	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3127	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3128	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R3129	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3130	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R3131	ERJ3GEYJ122	M 1.2KOHM J 1/16W	1	
R3132	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3133	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3134	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3135	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3136	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3137	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3138	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3139	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3140	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3141	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3142	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3143	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R3144	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3145	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3146	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3147	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3148	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R3149	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3150	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3151	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R3152	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3153	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R3154	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3155	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R3156	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3157	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3158	ERJ3EKF1500	M 150 OHM 0.063W	1	








Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3159	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3160	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3161	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3162	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3163	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3164	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3165	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3166	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3167	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3168	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3169	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3170	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3171	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3172	ERJ3EKF2001	M 2K OHM 0.063W	1	
R3173	ERJ3EKF1001	M 1K OHM 0.063W	1	
R3174	ERJ3EKF2001	M 2K OHM 0.063W	1	
R3175	ERJ3EKF1001	M 1K OHM 0.063W	1	
R3176	ERJ3EKF2001	M 2K OHM 0.063W	1	
R3177	ERJ3EKF1001	M 1K OHM 0.063W	1	
R3178	ERJ3GEYJ222	M 2.2KOHM J 1/16W	1	
R3179	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3180	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3181	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3182	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3183	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3184	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3185	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3186	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3187	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3188	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3189	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3190	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3191	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3192	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3193	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3194	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3195	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3196	ERJ3EKF2001	M 2K OHM 0.063W	1	
R3197	ERJ3EKF2001	M 2K OHM 0.063W	1	
R3198	ERJ3EKF2001	M 2K OHM 0.063W	1	
R3202	ERJ3GEYJ3R3	M 3.3 OHM J 1/16W	1	
R3203	ERJ3GEYJ3R3	M 3.3 OHM J 1/16W	1	
R3204	ERJ3GEYJ3R3	M 3.3 OHM J 1/16W	1	
R3205	ERJ3GEYJ3R3	M 3.3 OHM J 1/16W	1	
R3206	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3207	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3208	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3209	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3210	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3211	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3212	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3213	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3214	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3215	ERJ3GEYJ103	M 10K OHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3216	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3217	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3218	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3219	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3220	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3221	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3222	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3223	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3225	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3226	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3227	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R3228	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3229	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3230	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3231	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3232	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R3236	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3237	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3238	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3239	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3240	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3241	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3242	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3243	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3244	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3245	ERJ3EKF1500	M 150 OHM 0.063W	1	
R3246	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3247	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3248	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3249	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3250	ERJ3GEYJ222	M 2.2KOHM J 1/16W	1	
R3251	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3252	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3253	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3254	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3255	ERJ3GEYJ3R3	M 3.3 OHM J 1/16W	1	
R3256	ERJ3GEYJ3R3	M 3.3 OHM J 1/16W	1	
R3257	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3258	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3259	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3261	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3262	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3263	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3264	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3267	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3268	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3269	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3270	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3271	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3273	ERJ3GEYJ3R3	M 3.3 OHM J 1/16W	1	
R3274	ERJ3GEYJ3R3	M 3.3 OHM J 1/16W	1	
R3275	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3276	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3277	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3278	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3280	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3281	ERJ3GEYJ223	M 22K OHM J 1/16W	1	
R3282	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3283	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3284	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3285	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3286	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3287	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3288	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3289	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3290	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3291	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3292	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3293	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3294	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3296	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3297	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3299	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3300	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3301	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3302	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R3303	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R3304	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R3305	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R3306	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R3307	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R3308	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3310	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3311	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3313	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3314	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3315	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3316	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3317	ERJ3GEYJ561	M 560 OHM J 1/16W	1	
R3318	ERJ3GEYJ561	M 560 OHM J 1/16W	1	
R3319	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3320	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3323	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3324	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3325	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3326	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3327	EXB38V330J	RESISTOR ARRAY	1	
R3328	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3329	ERJ3GEYJ561	M 560 OHM J 1/16W	1	
R3330	ERJ3GEYJ561	M 560 OHM J 1/16W	1	
R3333	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3335	ERJ3GEYJ101	M 100 OHM J 1/16W	1	
R3336	ERJ3GEYJ101	M 100 OHM J 1/16W	1	
R3337	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3338	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3339	ERJ3EKF6981	M6.98KOHM 0.063W	1	
R3340	ERJ3EKF7501	M 7.5KOHM 0.063W	1	
R3341	ERJ3GEYJ221	M 220 OHM J 1/16W	1	


Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3342	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3343	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R3344	EXB38V330J	RESISTOR ARRAY	1	
R3345	ERJ3EKF3301	M 3.3KOHM 0.063W	1	
R3346	ERJ3EKF4121	M4.12KOHM 0.063W	1	
R3347	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3348	ERJ3EKF3901	M 3.9KOHM 0.063W	1	
R3349	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3350	EXB38V330J	RESISTOR ARRAY	1	
R3351	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3352	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3353	EXB38V330J	RESISTOR ARRAY	1	
R3354	EXB38V330J	RESISTOR ARRAY	1	
R3355	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R3356	ERJ3EKF3901	M 3.9KOHM 0.063W	1	
R3357	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3358	ERJ3EKF3301	M 3.3KOHM 0.063W	1	
R3359	EXB38V330J	RESISTOR ARRAY	1	
R3360	EXB38V330J	RESISTOR ARRAY	1	
R3361	ERJ3EKF4701	M 4.7KOHM 0.063W	1	
R3362	EXB38V330J	RESISTOR ARRAY	1	
R3363	EXB38V330J	RESISTOR ARRAY	1	
R3364	EXB38V330J	RESISTOR ARRAY	1	
R3365	EXB38V330J	RESISTOR ARRAY	1	
R3366	EXB38V330J	RESISTOR ARRAY	1	
R3367	EXB38V330J	RESISTOR ARRAY	1	
R3369	ERJ3GEYJ183	M 18K OHM J 1/16W	1	
R3370	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3371	ERJ3EKF1582	M15.8KOHM 0.063W	1	
R3372	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3373	ERJ3EKF1582	M15.8KOHM 0.063W	1	
R3374	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3376	ERJ3GEYJ182	M 1.8KOHM J 1/16W	1	
R3377	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3378	ERJ3GEYJ182	M 1.8KOHM J 1/16W	1	
R3379	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R3380	ERJ3GEYJ182	M 1.8KOHM J 1/16W	1	
R3381	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3382	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3383	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3384	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3385	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3386	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3389	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3390	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3391	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3392	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3393	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3394	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3395	ERJ3GEYJ681	M 680 OHM J 1/16W	1	
R3397	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3398	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3399	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3402	ERJ3GEY0R00	M 0 OHM 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3403	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3404	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3405	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3406	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3407	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3408	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3409	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3411	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3412	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3413	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3414	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3415	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3416	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3417	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3418	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3420	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3431	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3432	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3433	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3434	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3435	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3436	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3437	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3438	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3440	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3441	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3442	ERJ3GEYJ393	M 39K OHM J 1/16W	1	
R3443	ERJ3GEYJ393	M 39K OHM J 1/16W	1	
R3444	ERJ3GEYJ393	M 39K OHM J 1/16W	1	
R3445	ERJ3GEYJ393	M 39K OHM J 1/16W	1	
R3447	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3448	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3449	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3450	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3451	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3452	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3453	EXB38V330J	RESISTOR ARRAY	1	
R3454	EXB38V330J	RESISTOR ARRAY	1	
R3455	EXB38V330J	RESISTOR ARRAY	1	
R3457	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3458	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3459	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3460	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3461	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3463	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3464	ERJ3GEYJ102	M 1K OHM J 1/16W	1	
R3469	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3470	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3471	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R3472	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3473	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3474	ERJ3GEYJ471	M 470 OHM J 1/16W	1	
R3475	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3476	ERJ3GEY0R00	M 0 OHM 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3477	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3478	EXB38V330J	RESISTOR ARRAY	1	
R3479	EXB38V330J	RESISTOR ARRAY	1	
R3480	EXB38V330J	RESISTOR ARRAY	1	
R3481	EXB38V330J	RESISTOR ARRAY	1	
R3482	EXB38V330J	RESISTOR ARRAY	1	
R3483	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3484	EXB38V330J	RESISTOR ARRAY	1	
R3485	EXB38V330J	RESISTOR ARRAY	1	
R3486	EXB38V330J	RESISTOR ARRAY	1	
R3487	EXB38V330J	RESISTOR ARRAY	1	
R3488	EXB38V330J	RESISTOR ARRAY	1	
R3489	EXB38V330J	RESISTOR ARRAY	1	
R3490	EXB38V330J	RESISTOR ARRAY	1	
R3491	EXB38V330J	RESISTOR ARRAY	1	
R3492	EXB38V330J	RESISTOR ARRAY	1	
R3493	EXB38V330J	RESISTOR ARRAY	1	
R3494	EXB38V330J	RESISTOR ARRAY	1	
R3495	EXB38V330J	RESISTOR ARRAY	1	
R3496	EXB38V330J	RESISTOR ARRAY	1	
R3497	ERJ3GEYJ220	M 22 OHM J 1/16W	1	
R3498	EXB38V330J	RESISTOR ARRAY	1	
R3499	ERJ3GEY0R00	M 0 OHM 1/16W	1	
R3500	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3501	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3502	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3503	ERJ3GEYJ103	M 10K OHM J 1/16W	1	
R3504	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3505	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3506	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3507	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3508	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R3509	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3510	ERJ3GEYJ101	M 100 OHM J 1/16W	1	D0GB101JA002
R3511	ERJ3GEYJ563	M 56KOHM J 1/16W	1	
R3512	ERJ3GEYJ563	M 56KOHM J 1/16W	1	
R3513	ERJ3GEYJ563	M 56KOHM J 1/16W	1	
R3514	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9001	ERC12UGK105	M 1M OHM 1/2W	1	
R9002	ERC12UGK105	M 1M OHM 1/2W	1	
R9003	ERC12UGK105	M 1M OHM 1/2W	1	
R9004	ERC12UGK105	M 1M OHM 1/2W	1	
R9005	ERC12UGK105	M 1M OHM 1/2W	1	
R9006	ERC12UGK105	M 1M OHM 1/2W	1	
R9007	ERC12UGK105	M 1M OHM 1/2W	1	
R9901	ERJ6ENF5601	M 5.6KOHM 1/10W	1	
R9902	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R9903	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R9904	ERJ6ENF2201	M 2.2KOHM 1/10W	1	
R9905	ERJ6ENF3301	M 3.3KOHM 1/10W	1	
R9906	ERJ6ENF6801	M 6.8KOHM 1/10W	1	
R9907	ERJ6ENF3302	M 33KOHM 1/10W	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9908	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R9909	ERJ6ENF5601	M 5.6KOHM 1/10W	1	
R9910	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R9911	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R9912	ERJ6ENF2201	M 2.2KOHM 1/10W	1	
R9913	ERJ6ENF3301	M 3.3KOHM 1/10W	1	
R9914	ERJ6ENF6801	M 6.8KOHM 1/10W	1	
R9915	ERJ6ENF3302	M 33KOHM 1/10W	1	
R9916	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R9917	ERJ6ENF5601	M 5.6KOHM 1/10W	1	
R9918	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R9919	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R9920	ERJ6ENF2201	M 2.2KOHM 1/10W	1	
R9921	ERJ6ENF3301	M 3.3KOHM 1/10W	1	
R9922	ERJ6ENF6801	M 6.8KOHM 1/10W	1	
R9923	ERJ6ENF3302	M 33KOHM 1/10W	1	
R9924	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R9952	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R9953	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R9955	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R9956	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R9958	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R9959	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R9960	ERJ6GEYJ222	M 2.2KOHM J 1/10W	1	
R9961	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R9962	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R9963	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R9964	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R9965	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R9966	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R9967	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R9968	ERJ6GEYJ221	M 220 OHM J 1/10W	1	
R9969	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R9970	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R9971	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R9972	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R9973	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R9974	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R9975	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R9976	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
[CAPACITORS]				
C0103	ECKDNA222ME	C 2200PF M	1	
C0104	ECJ2XC1H152J	C 1500PF J 50V	1	
C0105	ECA1HHG101	E 100UF 50V	1	
C0106	ECJ2XF1E224Z	C 0.22UF Z 25V	1	
C0107	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0108	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0109	ECKDNA222ME	C 2200PF M	1	
C0110	F0C2G225A020	CAPACITOR	1	
C0112	ECJ2XC1H101J	C 100PF J 50V	1	
C0113	ECJ2XC1H102J	C 1000PF J 50V	1	
C0118	ECJ2XC1H102J	C 1000PF J 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C0119	ECKD3A101KBP	C 100PF K 1KV	1	
C0120	ECKD3A101KBP	C 100PF K 1KV	1	
C0121	ECKD3A471KBP	C 470PF K 1KV	1	
C0124	EETED2W471L	E 470UF 450V	1	
C0125	ECQE6473KF	P 0.47UF K 630V	1	
C0126	EETED2W471L	E 470UF 450V	1	
C0131	ECJ2XF1C105Z	C 1UF Z 16V	1	
C0133	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0134	F0C2G475A020	CAPACITOR	1	
C0135	ECJ2XB1H103K	C 0.01UF K 50V	1	
C0136	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0137	ECJ2XC1H102J	C 1000PF J 50V	1	
C0138	ECA2WM3R3	E 3.3UF 450V	1	
C0139	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0401	ECQE6473KFB	CAPACITOR	1	
C0402	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0403	EEUFC1E221	E 220UF 25V	1	
C0404	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0405	EEUFC1V151	E 150UF 35V	1	
C0406	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0407	ECJ2XF1H103Z	C 0.01UF Z 50V	1	
C0408	ECA1EHG101	E 100UF 25V	1	
C0409	ECJ2XC1H471J	C 470PF J 50V	1	
C0410	ECKD3A102KBP	C 1000PF K 1KV	1	
C0411	ECJ2XC1H122J	C 1200PF J 50V	1	
C0412	ECJ2XB1H103K	C 0.01UF K 50V	1	
C0413	EEUFC1V151	E 150UF 35V	1	
C0414	ECWH10153JVB	CAPACITOR	1	
C0415	ECKCNA102MBB	C 1000PF M	1	
C0418	ECJ2XC1H102J	C 1000PF J 50V	1	
C0420	ECJ2XC1H102J	C 1000PF J 50V	1	
C0422	ECJ2XC1H102J	C 1000PF J 50V	1	
C0423	ECJ2XC1H102J	C 1000PF J 50V	1	
C0424	ECJ2XC1H102J	C 1000PF J 50V	1	
C0425	EEUFC1E472	E 4700PF 25V	1	
C0427	ECJ2XC1H102J	C 1000PF J 50V	1	
C0429	ECJ2XC1H102J	C 1000PF J 50V	1	
C0430	ECJ2XC1H102J	C 1000PF J 50V	1	
C0432	EEUFC1E472	E 4700PF 25V	1	
C0434	EEUFC1E272	E 2700UF 25V	1	
C0435	EEUFC1H221	E 220UF 50V	1	
C0436	EEUFC1E472	E 4700PF 25V	1	
C0439	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0440	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0442	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0443	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0444	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0445	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0446	EEUFC1A470	E 47PF 10V	1	
C0449	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0450	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0451	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0454	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0455	EEUFC1E470	E 47PF 25V	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C0456	EEUFC1E472	E 4700PF 25V	1	
C0457	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0458	EEUFC1E101S	E 100PF 25V	1	
C0459	EEUFC1E101S	E 100PF 25V	1	
C0460	ECJ2XF1C105Z	C 1UF Z 16V	1	
C0461	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C0462	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C701	ECA1EM471	E 470UF 25V	1	
C703	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C704	ECJ2XF1C104Z	C 0.1UD Z 16V	1	
C705	ECA1CM471	E 470UF 16V	1	
C706	ECA1CM471	E 470UF 16V	1	
C707	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C709	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C710	EEUFC1C471	E 470PF 16V	1	
C711	ECJ2XF1C105Z	C 1UF Z 16V	1	
C712	ECJ2XF1C105Z	C 1UF Z 16V	1	
C713	ECA1VM221	E 220UF 35V	1	
C714	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C715	EEUFC1C471	E 470PF 16V	1	
C716	ECA1VM221	E 220UF 35V	1	
C717	ECA1VM470	E 47UF 35V	1	
C719	ECJ2XF1C105Z	C 1UF Z 16V	1	
C720	ECJ2XF1C105Z	C 1UF Z 16V	1	
C721	ECJ2XF1C105Z	C 1UF Z 16V	1	
C722	ECJ2XF1C105Z	C 1UF Z 16V	1	
C723	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C724	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C725	ECJ2XB1H103K	C 0.01UF K 50V	1	
C728	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C729	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C730	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C731	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C735	ECA1VM221	E 220UF 35V	1	
C736	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C738	ECJ2XF1C105Z	C 1UF Z 16V	1	
C801	ECA1CM471	E 470UF 16V	1	
C802	ECA1CM221	E 220UF 16V	1	
C803	ECJ2XB1H103K	C 0.01UF K 50V	1	
C804	ECA1CM471	E 470UF 16V	1	
C805	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C807	ECJ2XF1C105Z	C 1UF Z 16V	1	
C808	ECJ2XB1C104K	C 0.1UF K 16V	1	
C809	ECJ2XF1C105Z	C 1UF Z 16V	1	
C811	ECJ2XB1H103K	C 0.01UF K 50V	1	
C812	ECJ2XB1C104K	C 0.1UF K 16V	1	
C813	ECJ2XB1H103K	C 0.01UF K 50V	1	
C814	ECJ2XB1H103K	C 0.01UF K 50V	1	
C815	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C817	ECJ2XB1C104K	C 0.1UF K 16V	1	
C818	ECJ2XF1C105Z	C 1UF Z 16V	1	
C819	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C820	ECJ2XB1H103K	C 0.01UF K 50V	1	
C821	ECJ2XB1H103K	C 0.01UF K 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C822	ECJ2XB1H103K	C 0.01UF K 50V	1	
C823	ECJ2XB1C104K	C 0.1UF K 16V	1	
C824	ECJ2XB1H103K	C 0.01UF K 50V	1	
C825	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C826	ECJ2XF1C105Z	C 1UF Z 16V	1	
C828	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1001	EEUFC1E272	E 2700UF 25V	1	
C1002	EEUFC1E470	E 47PF 25V	1	
C1003	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1004	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1005	EEUFC1E102	E 1000UF 25V	1	
C1006	EEUFC1E470	E 47PF 25V	1	
C1007	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1009	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1010	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1013	ECJ2XC1H680J	C 68PF J 50V	1	
C1014	ECJ2XC1H560J	C 56PF J 50V	1	
C1015	ECJ2XB1H102J	C 1000PF J 50V	1	
C1016	ECJ2XB1H102J	C 1000PF J 50V	1	
C1018	ECJ2XF1E224Z	C 0.22UF Z 25V	1	
C1019	ECJ2XC1H471J	C 470PF J 50V	1	
C1020	ECJ2XC1H471J	C 470PF J 50V	1	
C1021	ECJ2XC1H221J	C 220PF J 50V	1	
C1022	ECJ2XC1H221J	C 220PF J 50V	1	
C1024	ECJ2XC1H102J	C 1000PF J 50V	1	
C1025	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1026	EEUFC1E272	E 2700UF 25V	1	
C1027	EEUFC1E101S	E 100PF 25V	1	
C1028	ECJ2XF1E224Z	C 0.22UF Z 25V	1	
C1029	ECJ2XF1E224Z	C 0.22UF Z 25V	1	
C1031	EEUFC1E272	E 2700UF 25V	1	
C1032	ECJ2XB1H103K	C 0.01UF K 50V	1	
C1033	EEUFC1E272	E 2700UF 25V	1	
C1034	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1035	EEUFC1E272	E 2700UF 25V	1	
C1036	EEUFC1E272	E 2700UF 25V	1	
C1037	ECJ2XF1E224Z	C 0.22UF Z 25V	1	
C1038	ECJ2XF1E224Z	C 0.22UF Z 25V	1	
C1039	ECJ2XC1H222J	C 220PF J 50V	1	
C1040	ECJ2XF1E224Z	C 0.22UF Z 25V	1	
C1041	ECJ2XF1E224Z	C 0.22UF Z 25V	1	
C1042	EEFCD0K330R	E 33UF 8V	1	
C1043	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1044	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C1045	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C1046	ECJ2XF1C474Z	C 0.47UF Z 16V	1	
C1047	ECJ2XF1C474Z	C 0.47UF Z 16V	1	
C1048	ECJ2XB1H103K	C 0.01UF K 50V	1	
C1051	ECJ2XC1H102J	C 1000PF J 50V	1	
C1052	ECJ2XF1H473Z	C 0.047UF Z 50V	1	
C1053	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1054	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1057	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1058	ECJ2XC1H221J	C 220PF J 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1060	ECJ2XC1H221J	C 220PF J 50V	1	
C1062	EEFUD0J101R	E 100UF 6.3V	1	
C1063	EEFUD0J101R	E 100UF 6.3V	1	
C1064	EEFUD0J101R	E 100UF 6.3V	1	
C1065	EEFUD0J101R	E 100UF 6.3V	1	
C1068	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1069	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1070	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1071	EEFUD0J101R	E 100UF 6.3V	1	
C1072	EEFUD0J101R	E 100UF 6.3V	1	
C1073	EEFUD0J101R	E 100UF 6.3V	1	
C1074	EEFUD0J101R	E 100UF 6.3V	1	
C1075	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1076	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1077	ECJ2XB1H103K	C 0.01UF K 50V	1	
C1081	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1082	EEUFC1E101S	E 100PF 25V	1	
C1083	EEUFC1E101S	E 100PF 25V	1	
C1084	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1085	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1086	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1087	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1088	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1089	ECJ2XF1C105Z	C 1UF Z 16V	1	
C1090	EEUFC1E101S	E 100PF 25V	1	
C1091	EEUFC1E101S	E 100PF 25V	1	
C1092	EEFCD0K330R	E 33UF 8V	1	
C1093	EEFCD0K330R	E 33UF 8V	1	
C1094	EEUFC1E102	E 1000UF 25V	1	
C1095	ECA1HM100	E 10UF 50V	1	
C1096	ECJ2XB1H103K	C 0.01UF K 50V	1	
C1097	ECA1HM010	E 1UF 50V	1	
C1098	ECJ2XF1H104Z	C 0.1UF Z 50V	1	
C1099	ECA1HM100	E 10UF 50V	1	
C2001	EEVHB1C470	E 47UF 16V	1	
C2002	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2003	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2004	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2005	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2006	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2007	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2008	ECJ1XF1A105Z	C 100UF 10V	1	
C2009	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2010	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2011	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2012	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2013	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2014	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2015	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2016	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2017	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2018	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2019	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2020	ECJ1XF1C104Z	C 0.1UF Z 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2021	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2022	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2023	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2024	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2025	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2026	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2027	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2028	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2029	EEVHB0G221	E 220UF 4V	1	
C2030	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2031	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2032	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2033	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2034	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2035	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2036	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2037	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2038	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2039	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2040	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2041	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2042	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2043	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2044	EEVHB0G221	E 220UF 4V	1	
C2045	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2046	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2047	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2048	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2049	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2050	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2051	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2052	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2053	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2054	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2055	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2056	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2057	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2058	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2059	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2060	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2061	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2062	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2063	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2065	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2066	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2067	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2068	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2069	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2070	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2071	ECUX1H120JCV	C 12PF 50V	1	
C2072	ECUX1H120JCV	C 12PF 50V	1	
C2073	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2074	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2075	ECJ1XF1A105Z	C 1UF Z 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2076	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2077	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2078	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2079	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2080	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2081	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2082	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2083	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2084	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2085	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2086	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2087	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2088	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2089	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2090	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2091	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2092	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2093	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2094	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2095	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2096	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2097	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2098	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2099	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2100	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2101	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2102	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2103	EEVHB0G221	E 220UF 4V	1	
C2104	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2105	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2106	ECUX1H682KBV	C 6800PF Z 50V	1	
C2107	ECJ2XB1C334K	C 0.33UF K 16V	1	
C2108	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2109	EEVHB0G221	E 220UF 4V	1	
C2110	EEVHB0G221	E 220UF 4V	1	
C2111	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2112	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2113	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2114	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2115	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2116	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2117	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2118	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2119	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2120	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2121	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2122	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2123	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2124	ECJ1XC1H471J	C 470PF J 50V	1	
C2125	EEVHB0G221	E 220UF 4V	1	
C2126	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2127	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2128	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2129	ECJ2XF1C105Z	C 1UF Z 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2130	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2131	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2132	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2133	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2134	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2135	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2136	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2137	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2138	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2139	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2140	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2141	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2142	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2143	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2144	ECUX1H682KBV	C 6800PF Z 50V	1	
C2145	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2146	EEVHB0G221	E 220UF 4V	1	
C2147	ECJ2XB1C334K	C 0.33UF K 16V	1	
C2148	EEVHB0G221	E 220UF 4V	1	
C2149	ECJ1XC1H180J	C 180PF J 50V	1	
C2150	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2151	ECJ1XC1H150J	C 15PF J 50V	1	
C2152	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2153	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2154	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2155	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2156	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2157	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2158	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2159	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2160	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2161	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2162	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2163	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2164	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2165	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2166	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2167	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2168	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2169	ECJ2XF1H473Z	C 0.047UF Z 50V	1	
C2170	EEVHB0J470	E 47UF 6.3V	1	
C2171	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2172	EEVHB0J470	E 47UF 6.3V	1	
C2175	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2176	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2177	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2178	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2179	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2180	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2181	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2182	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2183	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2184	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2185	ECJ1XF1C104Z	C 0.1UF Z 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2186	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2187	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2188	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2189	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2190	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2191	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2192	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2193	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2194	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2195	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2196	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2197	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2198	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2199	ECJ1XC1H471J	C 470PF J 50V	1	
C2200	EEVHB0G221	E 220UF 4V	1	
C2201	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2202	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2203	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2204	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2205	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2206	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2207	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2208	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2209	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2210	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2211	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2212	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2213	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2214	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2215	ECJ1XB1H103K	C 0.01UF K 50V	1	
C2216	EEVHB0G221	E 220UF 4V	1	
C2217	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2218	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2219	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2220	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2221	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2222	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2223	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2224	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2225	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2226	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2227	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2228	EEVHB0G221	E 220UF 4V	1	
C2229	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2230	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2231	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2232	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2233	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2234	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2235	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2236	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2237	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2238	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2239	ECJ1XF1C104Z	C 0.1UF Z 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2240	ECJ1XF1H103Z	C 0.01UF Z 50V	1	
C2241	EEVHB0G221	E 220UF 4V	1	
C2242	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2243	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2244	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2245	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2246	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2247	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2248	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2249	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2250	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2251	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2252	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2253	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2254	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2255	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2256	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2257	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2258	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2259	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2260	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2261	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2262	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2263	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2264	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2265	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2266	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2267	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2268	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2269	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2270	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2271	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2272	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2273	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2274	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2275	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2276	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2277	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2278	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2279	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2280	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2281	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2282	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2283	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2284	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2285	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2286	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2287	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2288	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2289	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2290	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2291	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2292	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2293	EEVHB0G221	E 220UF 4V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2294	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2295	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2296	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2297	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2298	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2299	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2300	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2301	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2302	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2303	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2304	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2306	EEVHB0J470	E 47UF 6.3V	1	
C2307	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2308	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2309	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2310	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2311	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2313	EEVHB0G221	E 220UF 4V	1	
C2314	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2315	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2316	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2317	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2318	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2319	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2320	ECJ1XF1A105Z	C 1UF Z 10V	1	
C2321	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2322	EEVHB1C100	E 10UF 16V	1	
C2324	EEVHB0G221	E 220UF 4V	1	
C2325	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2326	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2327	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2328	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2329	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2330	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2331	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2332	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2333	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2334	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2335	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2336	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2337	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2338	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2339	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2340	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2344	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2345	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2346	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2347	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2348	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2349	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2350	ECJ1XC1H680J	C 68PF J 50V	1	
C2351	ECJ1XC1H680J	C 68PF J 50V	1	
C2352	ECJ1XC1H680J	C 68PF J 50V	1	
C2353	ECJ1XF1H103Z	C 0.01UF Z 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2354	ECJ1XC1H471J	C 470PF J 50V	1	
C2355	ECJ1XC1H471J	C 470PF J 50V	1	
C2356	ECJ1XC1H471J	C 470PF J 50V	1	
C2357	ECJ1XC1H471J	C 470PF J 50V	1	
C2358	ECJ1XC1H471J	C 470PF J 50V	1	
C2600	EEVHB1C470	E 47UF 16V	1	
C2601	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2602	EEVHB0J101	E 100UF 6.3V	1	EEVHB0J101P
C2603	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2604	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2605	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2606	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2607	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2608	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2609	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2610	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2611	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2612	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2613	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2614	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2615	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2616	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2618	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2619	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2620	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2621	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2622	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2623	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2624	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2625	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C2626	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2627	ECJ1XC1H101J	C 100PF J 50V	1	
C2628	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2629	EEVHB0J470	E 47UF 6.3V	1	
C2630	ECJ1XC1H101J	C 100PF J 50V	1	
C2631	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2632	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2633	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2634	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2635	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2636	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2637	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2638	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2639	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2640	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2642	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2643	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2644	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2645	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2646	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2647	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2648	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2649	EEVHB0J470	E 47UF 6.3V	1	
C2651	ECJ1XF1C104Z	C 0.1UF Z 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2652	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2653	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2654	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2655	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2656	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2657	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2658	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2659	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2660	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2661	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2662	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2663	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2664	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2665	ECJ2XC1H471J	C 470PF J 50V	1	
C2666	ECJ2XC1H471J	C 470PF J 50V	1	
C2667	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2668	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2669	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2670	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2671	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2672	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2673	EEVHB0J470	E 47UF 6.3V	1	
C2674	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2675	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2676	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2677	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2678	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2679	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2680	ECJ1XC1H101J	C 100PF J 50V	1	
C2681	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2682	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2683	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2684	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2685	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2686	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2687	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2689	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2690	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2691	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2692	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2693	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2694	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2695	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2696	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2697	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2698	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2699	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2700	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2701	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2702	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2703	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2704	EEVHB1C470	E 47UF 16V	1	
C2705	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2706	ECJ1XF1C104Z	C 0.1UF Z 16V	1	



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2707	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2708	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2709	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2710	ECJ2XF1H103Z	C 0.01UF Z 50V	1	
C2711	ECJ2XF1H103Z	C 0.01UF Z 50V	1	
C2712	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2713	ECJ1XC1H150J	C 15PF J 50V	1	
C2714	ECJ1XC1H150J	C 15PF J 50V	1	
C2715	EEVHB0G221	E 220UF 4V	1	
C2716	ECJ2XF1H103Z	C 0.01UF Z 50V	1	
C2717	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2718	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2719	ECJ1XC1H150J	C 15PF J 50V	1	
C2720	ECJ1XC1H150J	C 15PF J 50V	1	
C2721	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2722	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2723	EEVHB0J470	E 47UF 6.3V	1	
C2724	EEVHB0J470	E 47UF 6.3V	1	
C2725	EEVHB1C470	E 47UF 16V	1	
C2726	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2727	ECJ2XF1C105Z	C 1UF Z 16V	1	
C2728	ECJ2XF1H103Z	C 0.01UF Z 50V	1	
C2729	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2730	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2731	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2732	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2733	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C2734	ECJ2XF1H103Z	C 0.01UF Z 50V	1	
C2735	ECJ2XF1H103Z	C 0.01UF Z 50V	1	
C3001	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3002	ECA1AHG102	E 1000PF 10V	1	
C3003	ECA1HEN4R7	E 4.7UF 50V	1	
C3004	ECA1HEN4R7	E 4.7UF 50V	1	
C3005	ECA1HEN4R7	E 4.7UF 50V	1	
C3006	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3007	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3008	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3009	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3010	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3011	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3012	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3013	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3014	ECA1EHG101	E 100UF 25V	1	
C3015	ECA1EHG101	E 100UF 25V	1	
C3016	ECA1HEN010	E 1UF 50V	1	
C3017	ECA1EHG101	E 100UF 25V	1	
C3018	ECA1EHG101	E 100UF 25V	1	
C3019	ECJ1XC1H180J	C 180PF J 50V	1	
C3020	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3021	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3022	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3023	ECJ1XC1H150J	C 15PF J 50V	1	
C3024	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3025	ECA1EHG101	E 100UF 25V	1	


Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3026	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3027	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3028	ECA1EHG101	E 100UF 25V	1	
C3029	ECJ1XC1H471J	C 470PF J 50V	1	
C3030	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3031	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3032	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3033	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3034	ECA1EHG101	E 100UF 25V	1	
C3035	ECJ1XF1A105Z	C 1UF Z 10V	1	
C3036	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3037	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3038	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3039	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3040	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3041	ECA1EHG101	E 100UF 25V	1	
C3042	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3043	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3044	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3045	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3046	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3047	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3048	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3049	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3050	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3051	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3052	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3053	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3054	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3055	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3056	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3057	ECJ1XB1H472K	C 4700PF K 50V	1	
C3058	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C3059	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3060	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3061	ECA1EHG101	E 100UF 25V	1	
C3062	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3063	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3064	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3065	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3066	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3067	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3068	ECA1EHG101	E 100UF 25V	1	
C3069	ECJ1XC1H330J	C 33PF J 50V	1	
C3070	ECA1EHG101	E 100UF 25V	1	
C3071	ECJ1XF1A105Z	C 1UF Z 10V	1	
C3072	ECJ1XF1A105Z	C 1UF Z 10V	1	
C3073	ECJ1XC1H101J	C 100PF J 50V	1	
C3074	ECJ1XF1A105Z	C 1UF Z 10V	1	
C3075	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3076	ECJ1XC1H680J	C 68PF J 50V	1	
C3077	ECA1EHG101	E 100UF 25V	1	
C3078	ECJ1XC1H330J	C 33PF J 50V	1	
C3079	ECJ1XF1E104Z	C 0.1UF Z 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3080	ECA1EHG101	E 100UF 25V	1	
C3081	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3082	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3083	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3084	ECA1EEN470	E 47 UF 25V	1	
C3085	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3086	ECA1EEN470	E 47 UF 25V	1	
C3087	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3088	ECA1EEN470	E 47 UF 25V	1	
C3089	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3090	ECA1CHG471	E 470UF 16V	1	
C3091	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3092	ECA1CHG471	E 470UF 16V	1	
C3093	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3094	ECA1CHG471	E 470UF 16V	1	
C3095	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3096	ECA1EEN470	E 47 UF 25V	1	
C3097	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3098	ECA1EEN470	E 47 UF 25V	1	
C3099	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3100	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3101	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3102	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3103	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3104	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3105	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3106	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3107	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3108	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3109	ECA1EEN470	E 47 UF 25V	1	
C3110	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3111	ECA1EEN470	E 47 UF 25V	1	
C3112	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3113	ECA1EEN470	E 47 UF 25V	1	
C3114	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3115	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3116	ECA1EEN470	E 47 UF 25V	1	
C3117	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3118	ECA1EEN470	E 47 UF 25V	1	
C3119	ECA1EEN470	E 47 UF 25V	1	
C3120	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3121	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3122	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3123	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3124	ECA1EEN470	E 47 UF 25V	1	
C3125	ECA1EHG101	E 100UF 25V	1	
C3126	ECA1EEN470	E 47 UF 25V	1	
C3127	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3128	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3129	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3130	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3131	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3132	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3133	ECJ1XF1E104Z	C 0.1UF Z 25V	1	


Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3134	ECA1EHG101	E 100UF 25V	1	
C3135	ECA1EHG101	E 100UF 25V	1	
C3136	ECA1EHG101	E 100UF 25V	1	
C3137	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3138	ECA1EHG101	E 100UF 25V	1	
C3139	ECA1EHG101	E 100UF 25V	1	
C3140	ECA1EHG101	E 100UF 25V	1	
C3141	ECJ3XB1C105K	C 1UF K 16V	1	
C3142	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3143	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3144	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3145	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3146	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3147	ECJ1XF1A105Z	C 1UF Z 10V	1	
C3148	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3149	ECA1EHG101	E 100UF 25V	1	
C3150	ECA1EEN100	E 10UF 25V	1	
C3151	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3152	ECA1EEN470	E 47 UF 25V	1	
C3153	ECJ1XC1H471J	C 470PF J 50V	1	
C3154	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3155	ECJ1XC1H470J	C 47PF J 50V	1	
C3156	ECA1EHG101	E 100UF 25V	1	
C3157	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3158	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3159	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3160	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3161	ECJ1XB1C473K	C 0.047UF K 16V	1	
C3162	ECJ1XB1C473K	C 0.047UF K 16V	1	
C3163	ECJ1XB1H102K	C 1000PF K 50V	1	
C3164	ECJ1XB1C473K	C 0.047UF K 16V	1	
C3165	ECJ1XB1H102K	C 1000PF K 50V	1	
C3166	ECJ1XB1C473K	C 0.047UF K 16V	1	
C3167	ECJ1XB1C473K	C 0.047UF K 16V	1	
C3168	ECJ1XB1C473K	C 0.047UF K 16V	1	
C3169	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3170	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3171	ECA1EHG101	E 100UF 25V	1	
C3172	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3173	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3174	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3175	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3176	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3177	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3178	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3179	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3180	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3181	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3182	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3183	ECJ1XF1A105Z	C 1UF Z 10V	1	
C3184	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3185	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3186	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3187	ECJ1XF1E104Z	C 0.1UF Z 25V	1	






Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3188	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3189	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3190	ECA1EHG101	E 100UF 25V	1	
C3191	ECJ1XB1E393K	C 39K PF K 25V	1	
C3192	ECUX1H392KBV	C 3900PF K 50V	1	
C3193	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3194	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3195	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3196	ECA1HEN4R7	E 4.7UF 50V	1	
C3197	ECJ1XB1H103K	C 0.01UF K 50V	1	
C3198	ECA1HEN4R7	E 4.7UF 50V	1	
C3199	ECJ1XB1H472K	C 4700PF K 50V	1	
C3200	ECJ3XB1C105K	C 1UF K 16V	1	
C3201	ECJ3XB1C105K	C 1UF K 16V	1	
C3202	ECJ3XB1C105K	C 1UF K 16V	1	
C3204	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3205	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3206	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3207	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3208	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3209	ECA1EHG101	E 100UF 25V	1	
C3210	ECJ1XC1H391J	C 390PF J 50V	1	
C3211	ECA1EHG101	E 100UF 25V	1	
C3212	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3213	ECJ1XC1H471J	C 470PF J 50V	1	
C3214	ECJ1XC1H102J	C 1000PF J 50V	1	
C3215	ECJ1XF1A105Z	C 1UF Z 10V	1	
C3216	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3217	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3218	ECJ1XC1H471J	C 470PF J 50V	1	
C3219	ECA1EHG101	E 100UF 25V	1	
C3220	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3221	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3222	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3225	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3226	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3227	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3228	ECA1EHG101	E 100UF 25V	1	
C3229	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3230	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3231	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3232	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3233	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3235	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3237	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3238	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3239	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3241	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3242	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3243	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3245	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3246	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3247	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3248	ECJ1XF1E104Z	C 0.1UF Z 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3250	ECJ1XB0J105K	C 1UF Z 6.3V	1	
C3251	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3254	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3255	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3256	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3257	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3258	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3259	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3260	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3261	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3262	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3263	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3264	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3265	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3266	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3267	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3268	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3269	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3270	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3271	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3272	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3273	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3274	ECA1EHG101	E 100UF 25V	1	
C3275	ECJ1XF1A105Z	C 1UF Z 10V	1	
C3276	ECA1EHG101	E 100UF 25V	1	
C3278	ECA1EHG101	E 100UF 25V	1	
C3280	ECA1EHG101	E 100UF 25V	1	
C3281	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3283	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3285	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3286	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3288	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3291	ECA1EHG101	E 100UF 25V	1	
C3293	ECA1EHG101	E 100UF 25V	1	
C3296	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3297	ECA1EHG101	E 100UF 25V	1	
C3298	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3299	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3300	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3301	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3302	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3303	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3304	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3305	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3306	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3307	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C3308	ECJ1XF1E104Z	C 0.1UF Z 25V	1	
C9001	ECQU2A225MLA	P 2.2UF M 250V	1	*
C9002	ECQU2A225MLA	P 2.2UF M 250V	1	*
C9003	ECKCNA222MEB	C 2200PF M	1	*
C9004	ECKCNA222MEB	C 2200PF M	1	*
C9005	ECQU2A225MLA	P 2.2UF M 250V	1	
C9006	ECKCNA222MEB	C 2200PF M	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9007	ECKCNA222MEB	C 2200PF M	1	
C9901	ECJ2XF1C104Z	C 0.1UD Z 16V	1	
C9902	ECJ2XC1H101J	C 100PF J 50V	1	
C9903	EEVHB0J470	E 47UF 6.3V	1	
C9904	ECJ2XF1C104Z	C 0.1UD Z 16V	1	
C9951	ECJ2XC1H101J	C 100PF J 50V	1	
C9952	ECJ2XC1H101J	C 100PF J 50V	1	
C9953	ECJ2XC1H101J	C 100PF J 50V	1	
C9954	ECJ2XC1H101J	C 100PF J 50V	1	
C9955	ECEA1CKA101	E 100UF 16V	1	
C9956	ECJ2XF1C104Z	C 0.1UD Z 16V	1	
[OTHERS]				
A1	K1KAA0A00088	100P CONNECTOR	1	
A2	K1KA80A00080	80P CONNECTOR	1	
A3	TJSF43806A	6P CONNECTOR	1	
A5	TJSF43803A	3P CONNECTOR	1	
A6	K1MN16B00040	16P CONNECTOR	1	
A7	K1MN16B00040	16P CONNECTOR	1	
A8	K1MN16B00040	16P CONNECTOR	1	
A9	K1KA13A00067	13P CONNECTOR	1	
A10	K1KA13A00067	13P CONNECTOR	1	
A11	K1KA13A00067	13P CONNECTOR	1	
A12	TJS3A8580	10P CONNECTOR	1	K1KA10B00148
A13	TJSF43806A	6P CONNECTOR	1	
A20	TJSF43810A	10P CONNECTOR	1	K1KA10A00225
A21	K1KA05A00257	5P CONNECTOR	1	
A22	K1KA05A00257	5P CONNECTOR	1	
A23	K1KA02A00385	2P CONNECTOR	1	
A24	TJSF33702A	CONNECTOR	1	K1KA02A00193
A25	K1KA02A00385	2P CONNECTOR	1	
A26	K1KA07A00132	7P CONNECTOR	1	
A27	K1KA04A00331	4P CONNECTOR	1	
A28	K1KA40A00140	40P CONNECTOR	1	
A29	TJSF43620A	20P CONNECTOR	1	
A30	TJSF43620A	20P CONNECTOR	1	
A31	TJSF43620A	20P CONNECTOR	1	
A32	TJSF43620A	20P CONNECTOR	1	
G1	K1KA10A00185	10P CONNECTOR	1	
G2	K1KA04A00250	4P CONNECTOR	1	
G4	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
G5	K1KA03A00218	3P CONNECTOR	1	
G6	K1KA03A00218	3P CONNECTOR	1	
G7	TJS1A8800	4P CONNECTOR	1	K1KA04A00242
G10	K1KA04A00242	4P CONNECTOR	1	
G12	K1KA06A00207	6P CONNECTOR	1	
G14	TJS1A8830	7P CONNECTOR	1	K1KA07A00056
G15	TJS1A8840	8P CONNECTOR	1	K1KA08A00221
G16	TJS1A8820	6P CONNECTOR	1	K1KA06A00220
J1	K1KBA0B00011	100P CONNECTOR	1	
J2	K1KB80B00013	80P CONNECTOR	1	
J3	K1KA80A00080	80P CONNECTOR	1	
J4	K1KA60A00061	60P CONNECTOR	1	

ST	REFERENCE	CONNECTION		
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
J5	K1KBE4A00001	CONNECTOR	1	
J6	K1KA10A00221	10P CONNECTOR	1	
J7	K1KA06A00175	6P CONNECTOR	1	
K1	TJSF20602	2P CONNECTOR	1	K1KA02A00169
PA1	TJSF20602	2P CONNECTOR	1	K1KA02A00169
PA2	TJSF29203	3P CONNECTOR	1	K1KA03A00169
PA3	TJS158130	2P CONNECTOR	1	K1KA02A00244
PA4	TJS158130	2P CONNECTOR	1	K1KA02A00244
PA5	TJSF45504	CONNECTOR	1	K1KA03A00181
PB1	TJSF45504	CONNECTOR	1	K1KA03A00181
PB2	TJSF29203	3P CONNECTOR	1	K1KA03A00169
PB3	K1KA10A00212	10P CONNECTOR	1	
PB6	TJS5A9420	8P CONNECTOR	1	K1KB08A00054
PC1	TJS6A8170	10P CONNECTOR	1	K1KA10B00120
PC2	K1KA10A00185	10P CONNECTOR	1	
PC3	TJS1A8780	2P CONNECTOR	1	K1KA02A00229
PC4	K1KA10A00221	10P CONNECTOR	1	
PC5	TJS1A8870	11P CONNECTOR	1	K1KA11A00073
PC6	TJS1A8860	10P CONNECTOR	1	K1KA10A00259
PC7	TJS1A8860	10P CONNECTOR	1	K1KA10A00259
PC8	TJS1A8860	10P CONNECTOR	1	K1KA10A00259
PC9	TJS5A9450	8P CONNECTOR	1	K1KA08B00117
PC11	K1KA06A00175	6P CONNECTOR	1	
PC12	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
PC13	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
R1	TJSF43710	10P CONNECTOR	1	K1KA10B00126
R2	K1KA02B00053	2P CONNECTOR	1	
R3	BCR20H4	BATTERY HOLDER	1	
S1	K1KA07B00041	7P CONNECTOR	1	
X1	K1KB60B00018	60P CONNECTOR	1	
X2	K1KB80B00013	80P CONNECTOR	1	
F9101-1	K3GE1PB00002	FUSE HOLDER	1	
F9101-2	K3GE1PB00002	FUSE HOLDER	1	
JK0401	TJC6137	EARTH LUG	1	
JK0402	TJC6137	EARTH LUG	1	
JK801	TJC6137	EARTH LUG	1	
JK802	TJC6137	EARTH LUG	1	
JK2601	TJSF32800	WIRED IN TERMINAL	1	K2HC103B0095
JK2602	TJSF32800	WIRED IN TERMINAL	1	K2HC103B0095
JK2603	K1FB109B0058	RS232C IN TERMINAL	1	
JK2604	K1FB109B0058	RS232C IN TERMINAL	1	
JK2605	K1FA109B0042	RS232C OUT TERMINAL	1	
JK3001	TJSF42904	CONNECTOR	1	K1CB204B0004
JK3002	K1QBB2AB0013	CONNECTOR	1	
JK3003	K1QBB5AB0005	CONNECTOR	1	
JK3004	TJSF45015	15P D-SUB	1	K1FB115B0058
JK9001	TJC6137	EARTH LUG	1	
JK9002	TJC6137	EARTH LUG	1	
JS2600	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
JS2601	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
JS2602	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
JS2603	ERJ6GEY0R00	M 0 OHM J 1/10W	1	
N9001	K2AH3G000009	AC INLET	1	
PA3001	UNHS20300L	IC PROTECTOR	1	

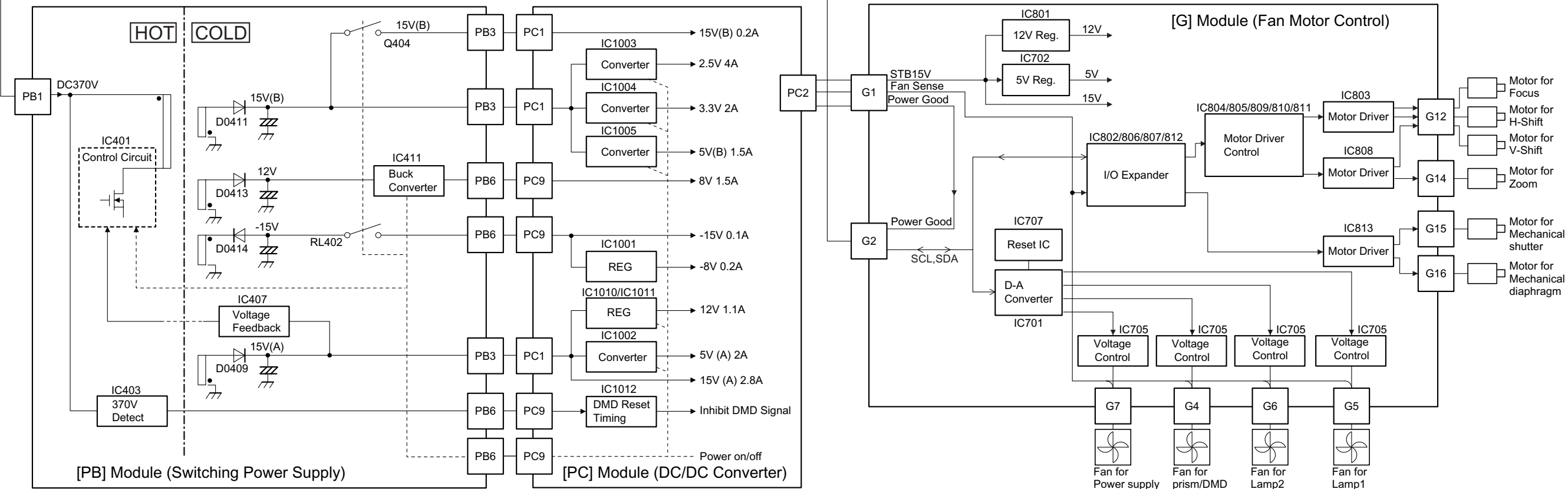
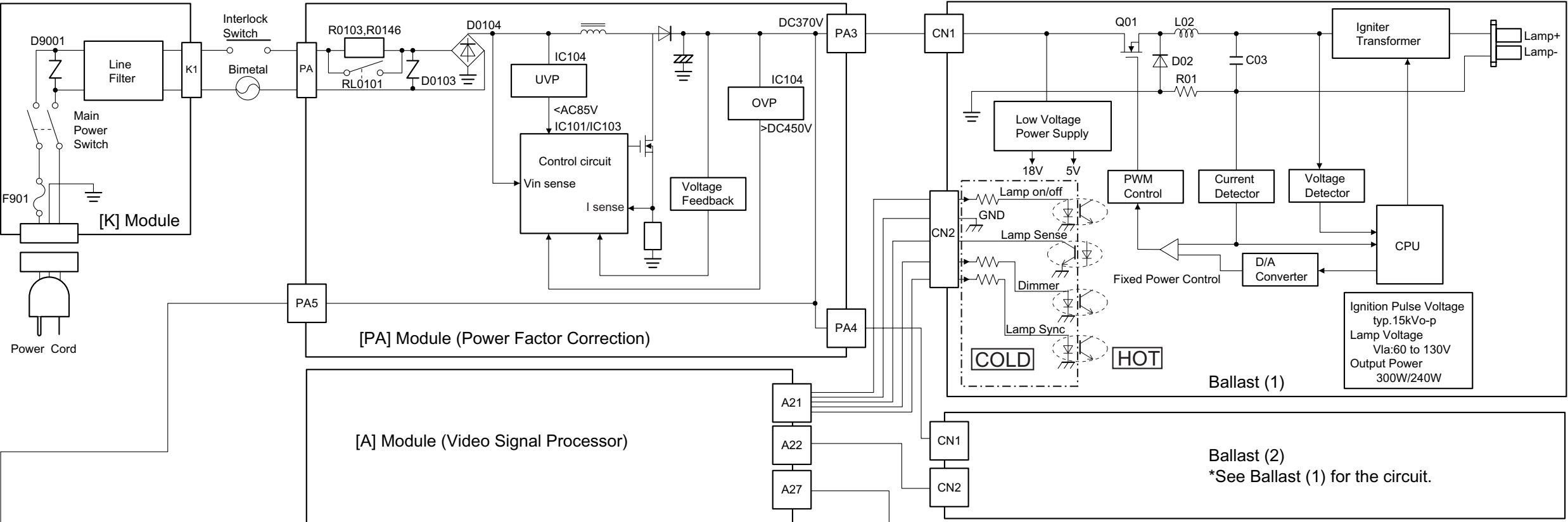
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
PA3003	UNHS20300L	IC PROTECTOR	1	
PA3005	UNHS20300L	IC PROTECTOR	1	
PA3007	UNHS20300L	IC PROTECTOR	1	
RL0101	K6B1AGA00084	RELAY	1	
RL0402	TSEH0007	RELAY	1	K6B2CDA00021
RM9901	B3RAD0000009	REMOTE CONTROL RECEIVER	1	
RM9951	B3RAD0000009	REMOTE CONTROL RECEIVER	1	
S2001	K0D411A00006	SWITCH	1	
S3001	ESD11V220	SWITCH	1	
S9001	K0AA0000013	POWER SWITCH	1	
S9902	EVQPLHA15	SWITCH	1	
S9903	EVQPLHA15	SWITCH	1	
S9904	EVQPLHA15	SWITCH	1	
S9905	EVQPLHA15	SWITCH	1	
S9906	EVQPLHA15	SWITCH	1	
S9907	EVQPLHA15	SWITCH	1	
S9908	EVQPLHA15	SWITCH	1	
S9909	EVQPLHA15	SWITCH	1	
S9910	EVQPLHA15	SWITCH	1	
S9911	EVQPLHA15	SWITCH	1	
S9912	EVQPLHA15	SWITCH	1	
S9913	EVQPLHA15	SWITCH	1	
S9914	EVQPLHA15	SWITCH	1	
S9915	EVQPLHA15	SWITCH	1	
S9916	EVQPLHA15	SWITCH	1	
S9917	EVQPLHA15	SWITCH	1	
T0101	G0ZZ00002047	COIL	1	
T0401	G4D4A0000057	SWITCHING TRANS	1	
X2001	H1A8905B0001	CRYSTAL	1	
X2002	H0J202500002	CRYSTAL	1	
X2003	H0J100500010	CRYSTAL	1	
X2004	H1A5005B0010	CRYSTAL	1	
X2600	H1A1475B0005	CRYSTAL	1	
X2601	H0J327200038	CRYSTAL	1	
X3001	H0J202500002	CRYSTAL	1	
	N0ZZ00000005	BALLAST PCB	2	
RTL	TNPA2458	CIRCUIT BOARD PA	1	
RTL	TNPA2459	CIRCUIT BOARD PB	1	
RTL	TNPA2462	CIRCUIT BOARD R	1	
RTL	TNPA2463	CIRCUIT BOARD S	1	
RTL	TNPA2464	CIRCUIT BOARD J	1	
RTL	TNPA2468	CIRCUIT BOARD PC	1	
RTL	TXN/A2VJM8	CIRCUIT BOARD A	1	
RTL	TXN/G1VJM8	CIRCUIT BOARD G	1	
RTL	TXN/K2VJM8	CIRCUIT BOARD K	1	PT-D7500U/D7600U
RTL	TXN/K2PQVZ	CIRCUIT BOARD K	1	PT-D7500E/D7600E
RTL	TXN/X2VJM8	CIRCUIT BOARD X	1	
	TXN/AWPGUZ	VIDEO/S-VIDEO IN PCB	1	OPTION PCB
	TXN/SHPBVZ	SDI(HD) IN PCB	1	OPTION PCB
	TXN/SPPBUZ	SDI(480P) IN PCB	1	OPTION PCB
	TXN/SSPBTZ	SDI(SD) IN PCB	1	OPTION PCB
	TXNAZ2PLWZ	ANALOG RGB IN PCB	1	OPTION PCB

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TXNDV2VJP3	DVI BOARD	1	OPTION PCB
	TXNNT2VJP2	NT BOARD	1	OPTION PCB
	TZSH07011	JIG FOR X-P.C.BOARD	1	

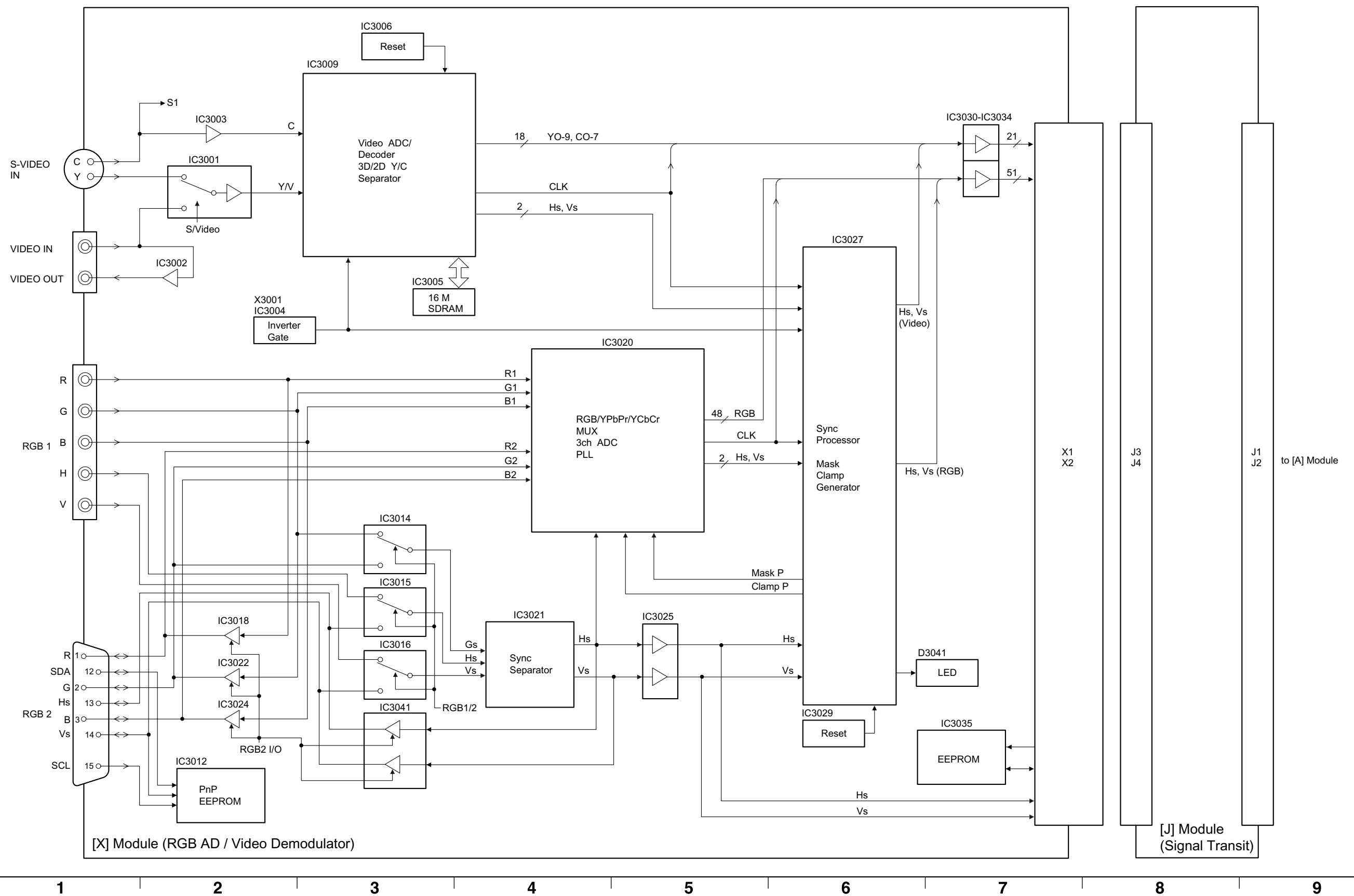
20. Schematic Diagram for printing with A4 size

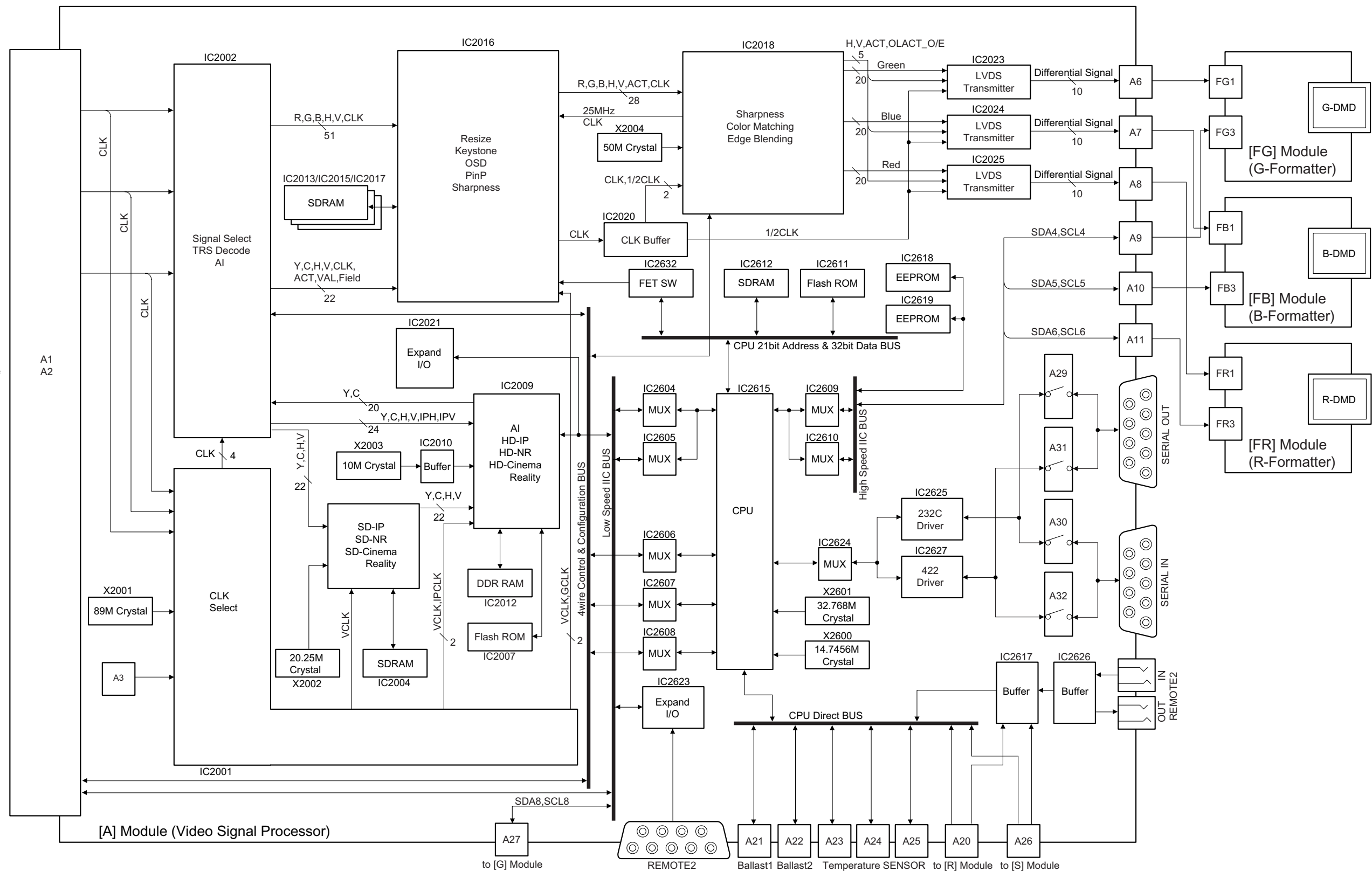
Power Supply

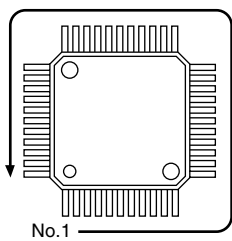
F
E
D
C
B
A



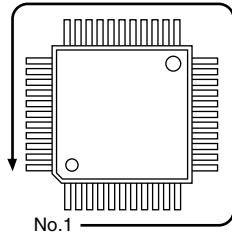
Signal Processing (1/2)



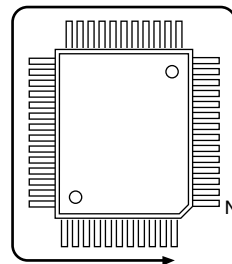




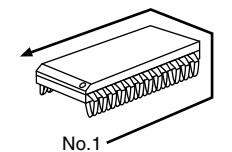
C1AB00001273 44 Pin
C0FBAD000027 144 Pin
MN82860 208 Pin
HD17709AF100 208 Pin
C1AB00001703 256 Pin



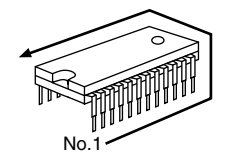
SIL150ACT100 100 Pin
C1AB00001400 80 Pin
C1ZBZ0001785 208 Pin



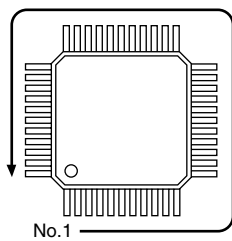
C0FBAD000076 124 Pin
C1AB00001398 128 Pin
HD17709RF100 208 Pin
C1ZBZ0001965 144 Pin



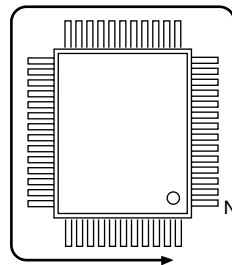
C3BBHG000047 44 Pin



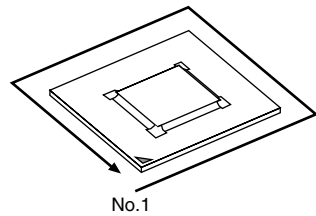
TC7SM32FTL 20 Pin
M52036SP 20 Pin



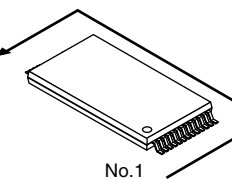
MN8271AT 208 Pin
C1AB00001267 48 Pin
C1AB00001089 256 Pin
C1ZBZ0001774 208 Pin
TVRJ497 168 Pin
C1AB00001230 208 Pin
C1ZBZ0001794 208 Pin
TVRJ834-1 44 Pin



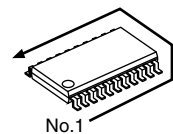
C3HBMJ000004 100 Pin



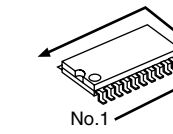
C1AB00001448 100 Pin



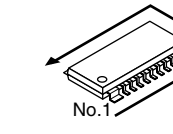
TVRJ428 48 Pin
TVRJ501 48 Pin
TVRJ537 48 Pin
TVRJ793-1 48 Pin
TVRJ792-4 48 Pin



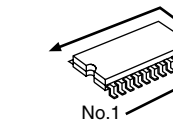
JLC1562BF 16 Pin
PLPT16374AX 48 Pin
C0JBAZ000630 48 Pin
PLPT16244CA 48 Pin
C3ABMG000080 50 Pin
TVSA0320 44 Pin
M62399FP 20 Pin
74LVC541ADB 20 Pin
C0DBAZH00002 16 Pin
C0DBAZH00006 32 Pin
C0ZBZ0000534 28 Pin
TVSA0500 50 Pin
TVRJ528 48 Pin
SN74HC14NS 14 Pin
M62393FP 20 Pin
MC14053BF 16 Pin
M52755FP 36 Pin
C0JBCZ000485 56 Pin
JLC1562BF 16 Pin
M62393FP 20 Pin
74LVC240ADB 20 Pin
C0JBAZ000855 20 Pin
C3ABP000013 86 Pin
C3ABPJ000035 86 Pin



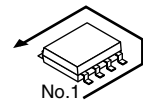
LB1650 16 Pin
C2BBFD000291 34 Pin



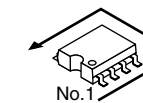
C0ZBZ0000685 16 Pin
LB1831M 20 Pin
C0JBAZ000851 14 Pin
WC14538BF 16 Pin
C0DBAZH00006 32 Pin
TC7WU04F 8 Pin
C3ABPJ000035 84 Pin
PLPT16244CA 48 Pin
MC14538BF 16 Pin



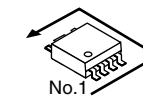
TC74HC4051AF 16 Pin
PLPT16374A 20 Pin
C0JBAZ001953 14 Pin
TC4053BF 16 Pin



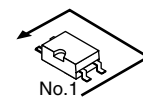
C3EBFC000017 8 Pin
TC74LCX541TL 20 Pin
MC33262D 8 Pin
24LC65T-I/SM 8 Pin
M51957BFP-600C 8 Pin
B1DFGD000013 8 Pin
M51957BFP 8 Pin
TC7W04FUTL 8 Pin
24LC21T-I/SN 8 Pin
M5222FP 8 Pin
MM1065ZMR 4 Pin
SN74HC14NS 14 Pin
TC74LCX04FT 14 Pin
C0JBAZ000851 14 Pin
B1DFGD000013 8 Pin
TC7WU04F 8 Pin



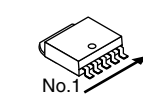
PQ1R33 8 Pin
C0CBCBE00001 8 Pin
C1AB00001266 8 Pin
BA15218F 8 Pin



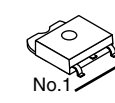
C0CABGG00004 16 Pin
C1AB00001226 8 Pin
TC4W53F 8 Pin
UPC842G2 8 Pin
M51957BFP 8 Pin
C0JBAZ001467 20 Pin
AN6914S 8 Pin



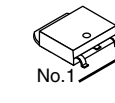
SA101-V1 4 Pin



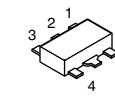
C0DBEZE00002 5 Pin
C0CBCBF00001 5 Pin
PQ07VZ012ZP 5 Pin
C0DBEZG00004 5 Pin



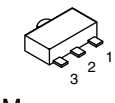
C0CBADG00003 3 Pin
L4931CDT120 3 Pin
TA7812F 3 Pin



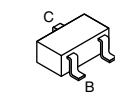
PQ05SZ11 3 Pin
PQ05SZ51 3 Pin
PQ05SZ5U 3 Pin
C0DBEZG00011 5 Pin
C0JBAE000192 5 Pin



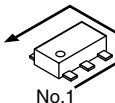
C0DBEZC00010 5 Pin



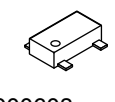
AN78L15M 3 Pin



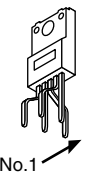
2SB709A
2SD1030S
2SD601AR
2SB710A



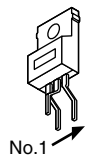
C0CBAAC00040 6 Pin
C0CBADC00032 6 Pin



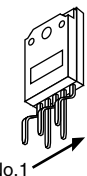
C1AB00000608 4 Pin
C1AB00001248 4 Pin



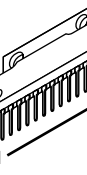
SI-8050JLF1118 5 Pin



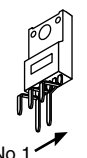
SE012N 3 Pin
B3PAA0000240 3 Pin
C0ZBZ000054 3 Pin
SI-3050F 3 Pin



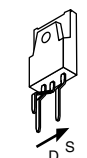
STRF6676LFF52 5 Pin



AN7147N 12 Pin



C0DAZKG00011 5 Pin
SI-3050CA 5 Pin
ST-3120F 5 Pin
SI-8050F 5 Pin



2SK2917
2SJ307


Schematic Diagram for Model PT-D7500U and PT-D7600U

IMPORTANT SAFETY NOTICE

THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM FIRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING, IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

Schematic Diagram for Model PT-D7500E and PT-D7600E


Important Safety Notice

Components identified by the international symbol  have special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified ones.









Notes:

1. Resistor

All the resistors are carbon 1/4W resistors, unless marked as follows: The unit of resistance is an OHM [Ω] (K=1 000 M=1 000 000).

-  : Nonflammable
-  : Metal Oxide
-  : Solid
-  : Metal Film
-  : Wire Wound
-  : Fuse

2. Capacitor

-  : Temperature Compensation
-  : Electrolytic
-  : Polyester
-  : Bipolar
-  : Metalized Polyester
-  : Dipped Tantalum
-  : Polypropylene
-  : Z-Type

3. Coil

The unit of inductance is a μ H, unless otherwise noted.





4. Test Point

-  : Test Point

5. Voltage Measurement

The voltage is measured by an electronic voltmeter receiving the colorbar signal when all the customer's controls are set to the standard condition.

6. Color code for the links between diagrams and circuit boards

From/To		To/From	Color code
Block diagram		Schematic diagram	Magenta
Schematic diagram		Schematic diagram	Green
Schematic diagram		Circuit boards	Yellow
Schematic diagram		Waveforms	Cyan (Light blue)

7. HOT and COLD indications

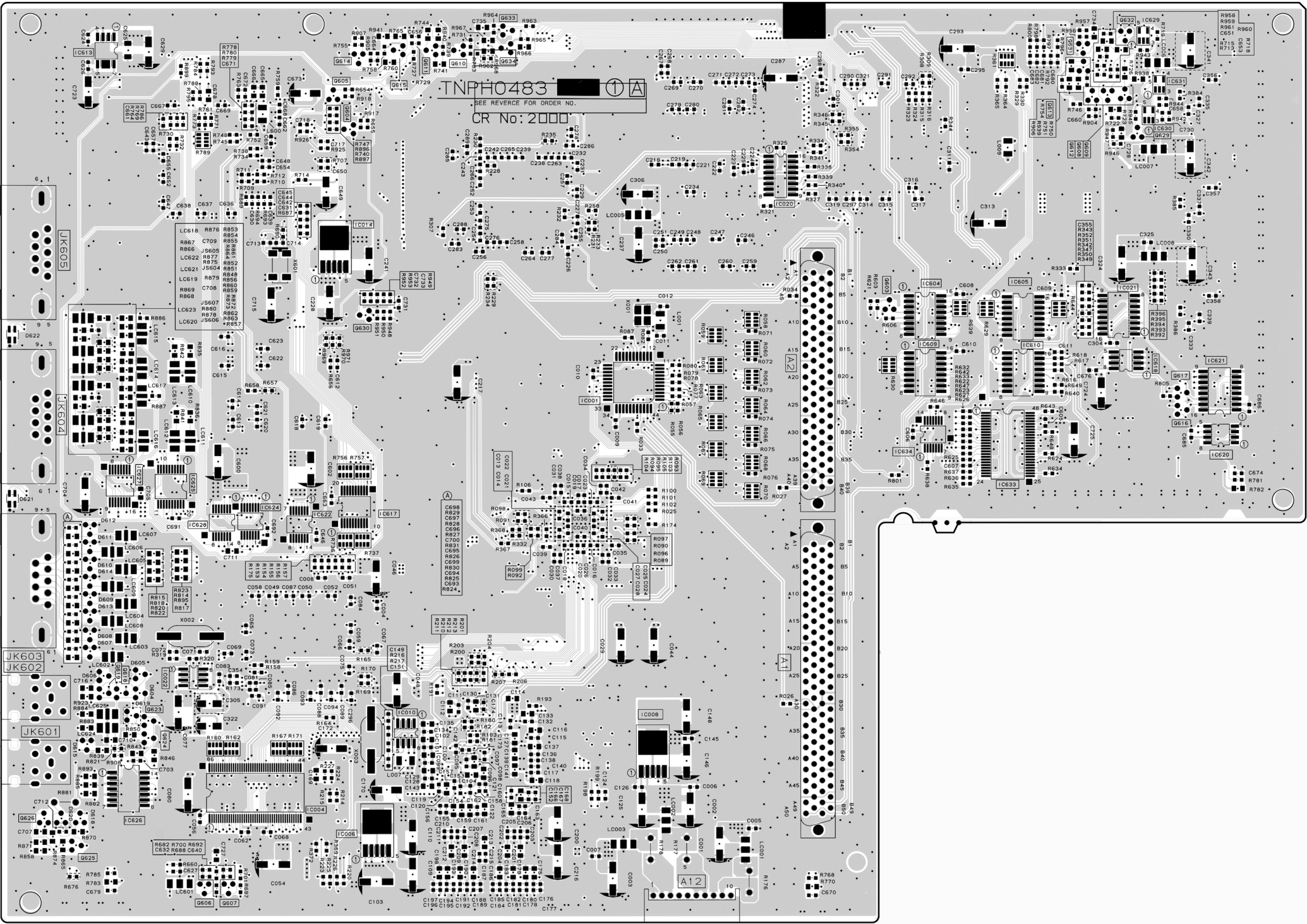
The power circuit board contains a circuit area using a separate power supply to isolate the ground connection. The circuit is defined by HOT and COLD indications in the schematic diagram. Take the precautions below:

8. This schematic diagram is the latest at the time of printing and subject to change without notice.

Precautions:

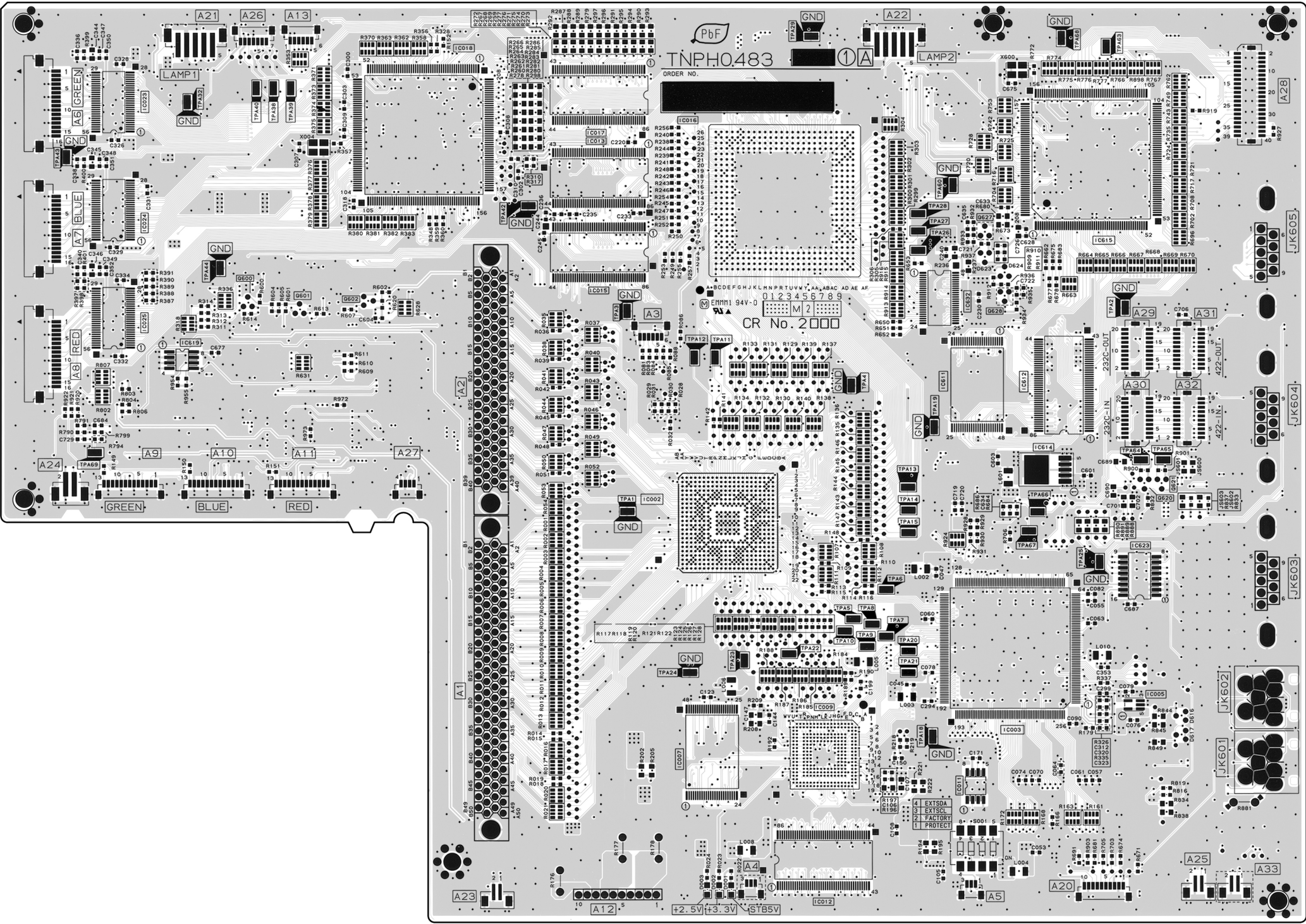
1. NEVER touch the HOT part or the HOT and COLD parts at the same time, or you may get an electric shock.
2. NEVER short-circuit the HOT and COLD circuits, or the fuse may blow and the parts may break.
3. NEVER connect an instrument such oscilloscope to the HOT and COLD circuit simultaneously, or the fuse may blow.Connect the ground of instruments to the ground of the circuit being measured.
4. MAKE SURE to unplug the power cord from the power outlet before removing the chassis.

A-P.C.Board TXN/A2VJM8
(Component Side)



A-P.C.Board (Component Side)			
IC			
IC2001	C-4	IC2618	D-7
IC2004	A-2	IC2620	C-7
IC2006	A-2	IC2621	D-7
IC2008	B-4	IC2622	C-2
IC2010	B-3	IC2624	C-2
IC2014	D-3	IC2625	C-2
IC2020	D-5	IC2626	A-1
IC2021	D-7	IC2627	C-1
IC2022	B-2	IC2628	C-2
IC2604	D-6	IC2629	E-7
IC2605	D-6	IC2630	E-7
IC2609	D-6	IC2631	E-7
IC2610	D-6	IC2633	C-6
IC2613	E-1	IC2634	C-5
IC2617	C-3		
TRANSISTOR			
Q2603	D-5	Q2617	D-7
Q2604	E-2	Q2618	B-1
Q2605	E-2	Q2619	B-1
Q2606	A-2	Q2623	B-1
Q2607	A-2	Q2624	B-2
Q2608	E-6	Q2625	A-1
Q2609	E-6	Q2626	A-1
Q2610	E-3	Q2629	E-7
Q2611	E-3	Q2630	D-3
Q2612	E-6	Q2631	E-6
Q2613	E-6	Q2632	E-7
Q2614	E-2	Q2633	E-3
Q2615	E-3	Q2634	E-3
Q2616	C-7		

ADDRESS INFORMATION



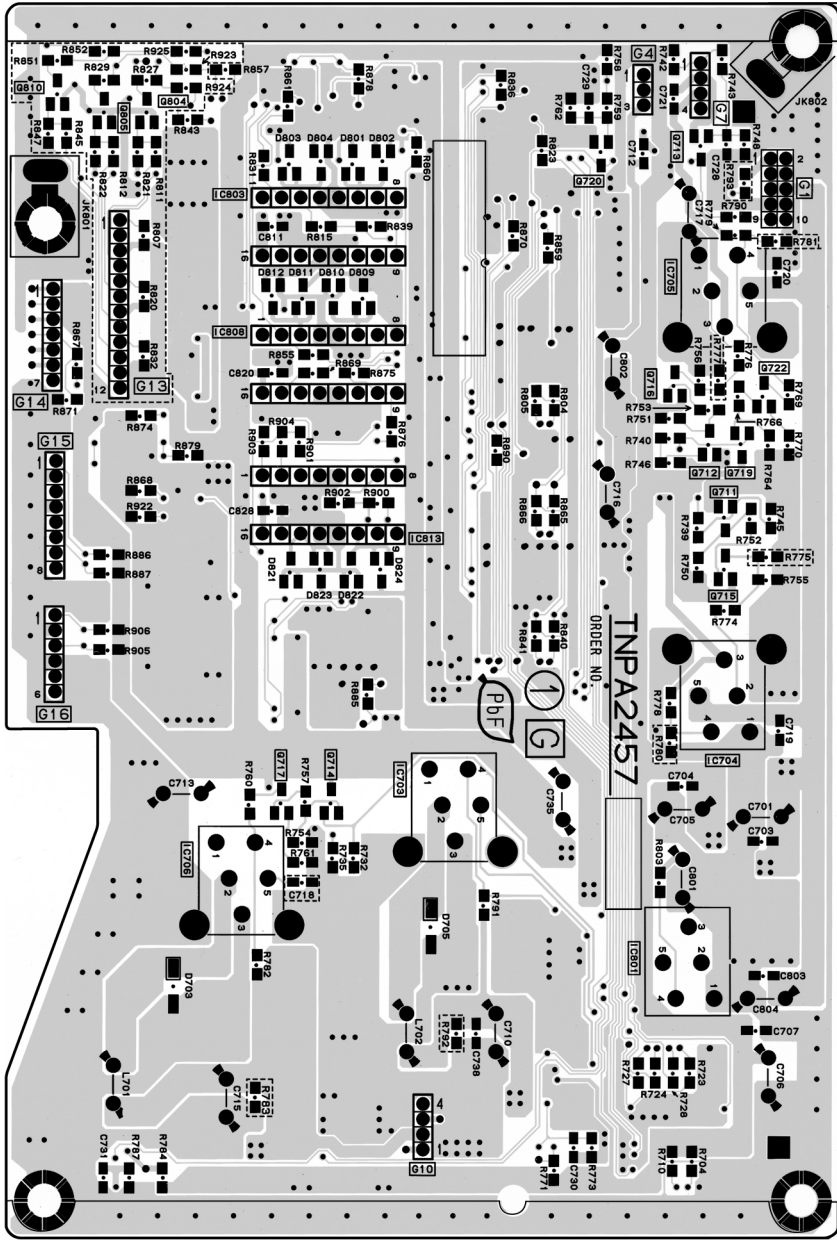
A-P.C.Board (Foil Side)			
IC			
IC2002	C-4	IC2018	E-3
IC2003	B-6	IC2023	E-1
IC2005	B-7	IC2024	D-1
IC2007	B-4	IC2025	D-1
IC2009	B-5	IC2611	C-6
IC2011	A-6	IC2612	C-6
IC2012	A-5	IC2614	C-6
IC2013	E-4	IC2615	D-6
IC2015	D-4	IC2619	D-2
IC2016	E-4	IC2623	C-7
IC2017	E-4	IC2632	D-6
TRANSISTOR			
Q2600	D-2	Q2620	C-7
Q2601	D-2	Q2621	C-7
Q2602	D-2		
TPA			
TPA1	C-4	TPA24	B-4
TPA2	D-6	TPA25	C-6
TPA3	D-4	TPA26	D-6
TPA4	C-5	TPA27	D-6
TPA5	B-5	TPA28	D-6
TPA6	B-5	TPA29	E-5
TPA7	B-5	TPA32	E-2
TPA8	B-5	TPA38	E-2
TPA9	B-5	TPA39	E-2
TPA10	B-5	TPA40	E-2
TPA11	D-4	TPA42	D-3
TPA12	D-4	TPA43	E-1
TPA13	C-5	TPA44	D-2
TPA14	C-5	TPA60	D-6
TPA15	C-5	TPA63	E-6
TPA18	B-5	TPA64	C-7
TPA19	C-6	TPA65	C-7
TPA20	B-5	TPA66	C-6
TPA21	B-5	TPA67	C-6
TPA22	B-5	TPA68	E-6
TPA23	B-4	TPA69	C-1

ADDRESS INFORMATION

G-P.C.Board TXN/G1VJM8 (Foil Side)

G-P.C.Board (Foil Side)					
IC		TRANSISTOR			
IC703	B-2	Q711	C-3	Q720	D-3
IC704	B-3	Q712	C-3	Q722	D-3
IC705	D-3	Q713	D-3		
IC706	B-1	Q714	B-2		
IC801	B-3	Q715	C-3		
IC803	D-1	Q716	C-3		
IC808	D-1	Q717	B-2		
IC813	C-2	Q719	C-3		

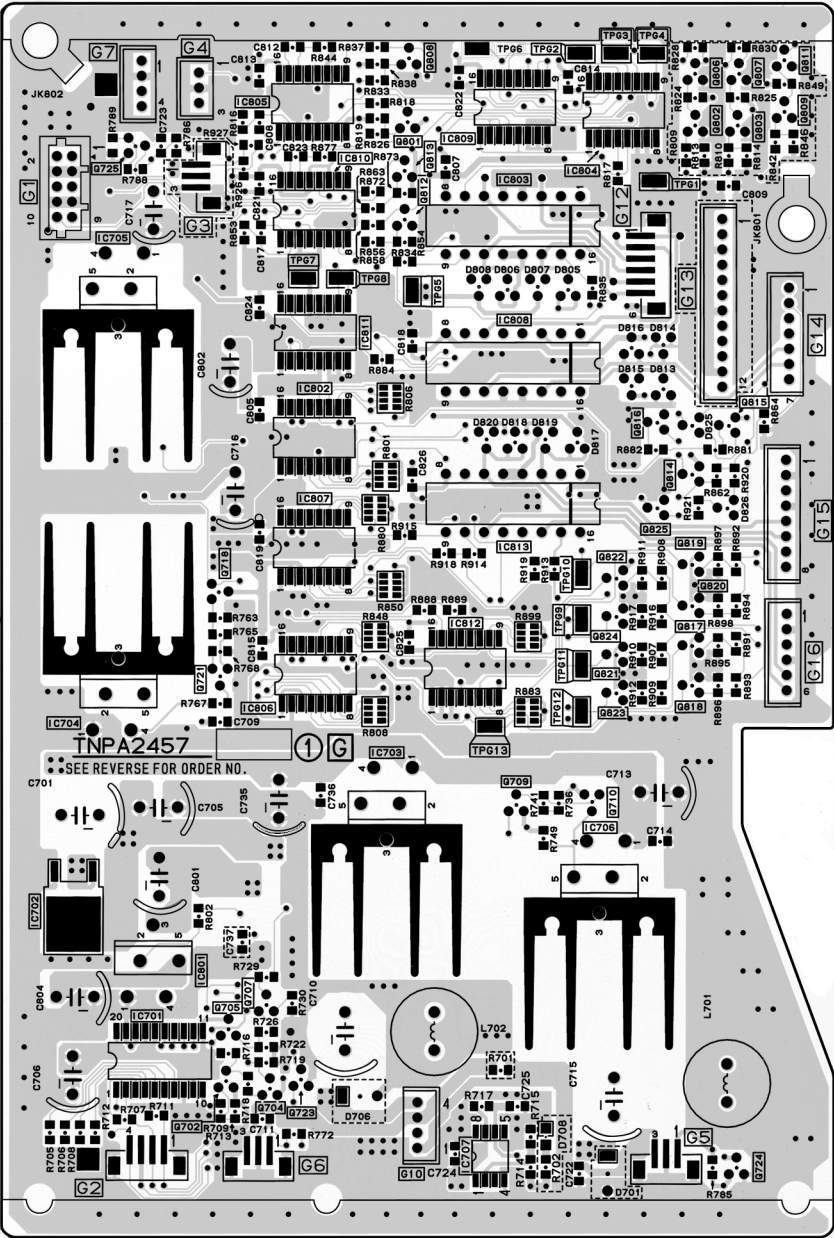
ADDRESS INFORMATION



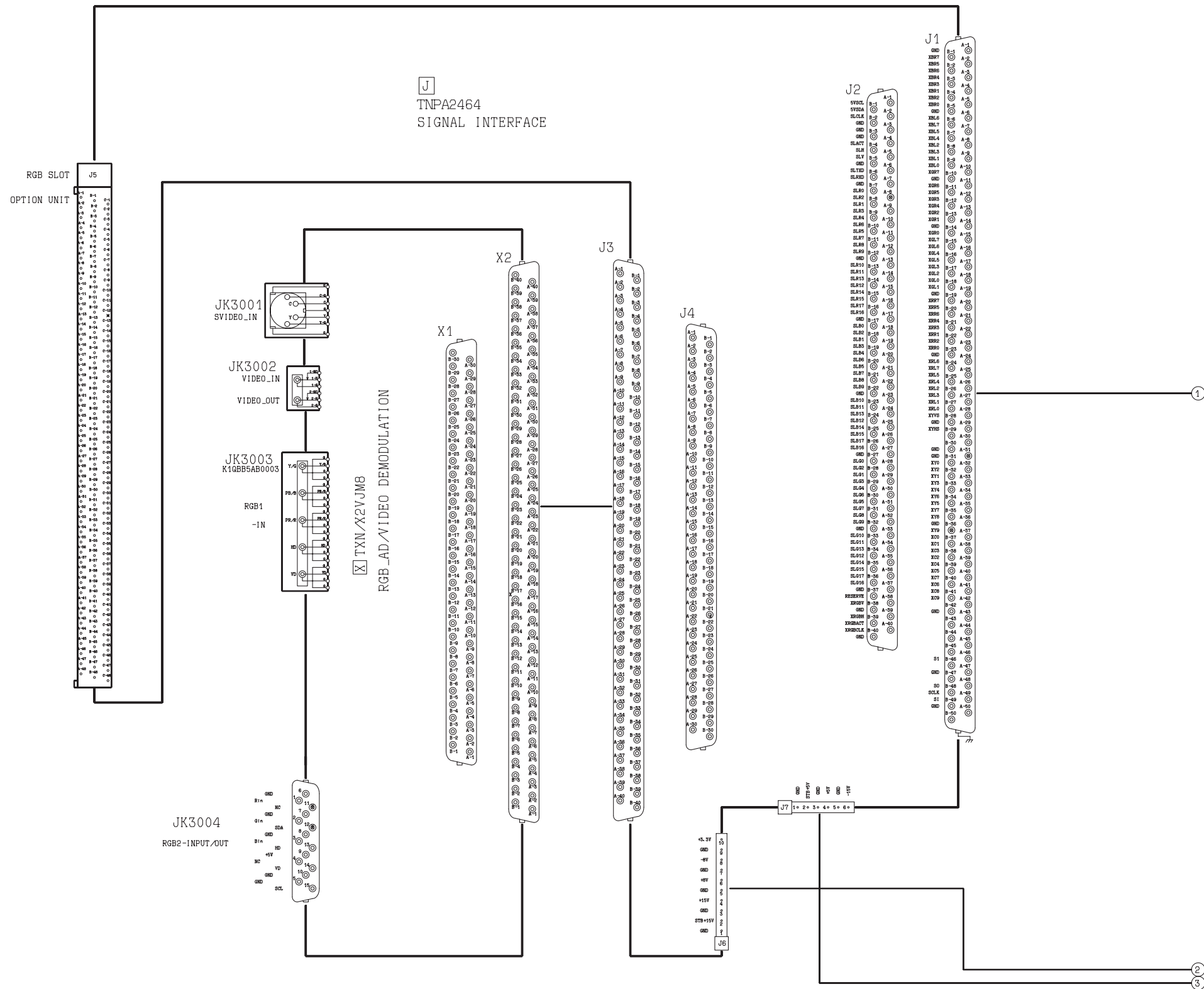
G-P.C.Board TXN/G1VJM8 (Component Side)

G-P.C.Board (Component Side)													
IC				TRANSISTOR				TPG					
IC701	A-5	IC805	D-5	Q702	A-5	Q801	D-6	Q815	C-7	TPG1	D-7	TPG12	B-6
IC702	B-5	IC806	B-5	Q704	A-5	Q808	D-6	Q816	C-7	TPG2	E-6	TPG13	B-6
IC703	B-6	IC807	C-6	Q705	A-5	Q812	D-6	Q817	C-7	TPG3	E-7		
IC704	B-5	IC808	D-6	Q707	A-5	Q813	D-6	Q818	B-7	TPG4	E-7		
IC705	D-5	IC809	D-6	Q709	B-6	Q814	C-7	Q819	C-7	TPG5	D-6		
IC706	B-6	IC810	D-6	Q710	B-7			Q820	C-7	TPG6	E-6		
IC707	A-6	IC811	D-6	Q718	C-5			Q821	B-6	TPG7	D-5		
IC801	B-5	IC812	C-6	Q721	B-5			Q822	C-7	TPG8	D-6		
IC802	C-6	IC813	C-6	Q723	A-5			Q823	B-7	TPG9	C-6		
IC803	D-6			Q724	A-7			Q824	C-6	TPG10	C-6		
IC804	D-6			Q725	D-5			Q825	C-7	TPG11	C-6		

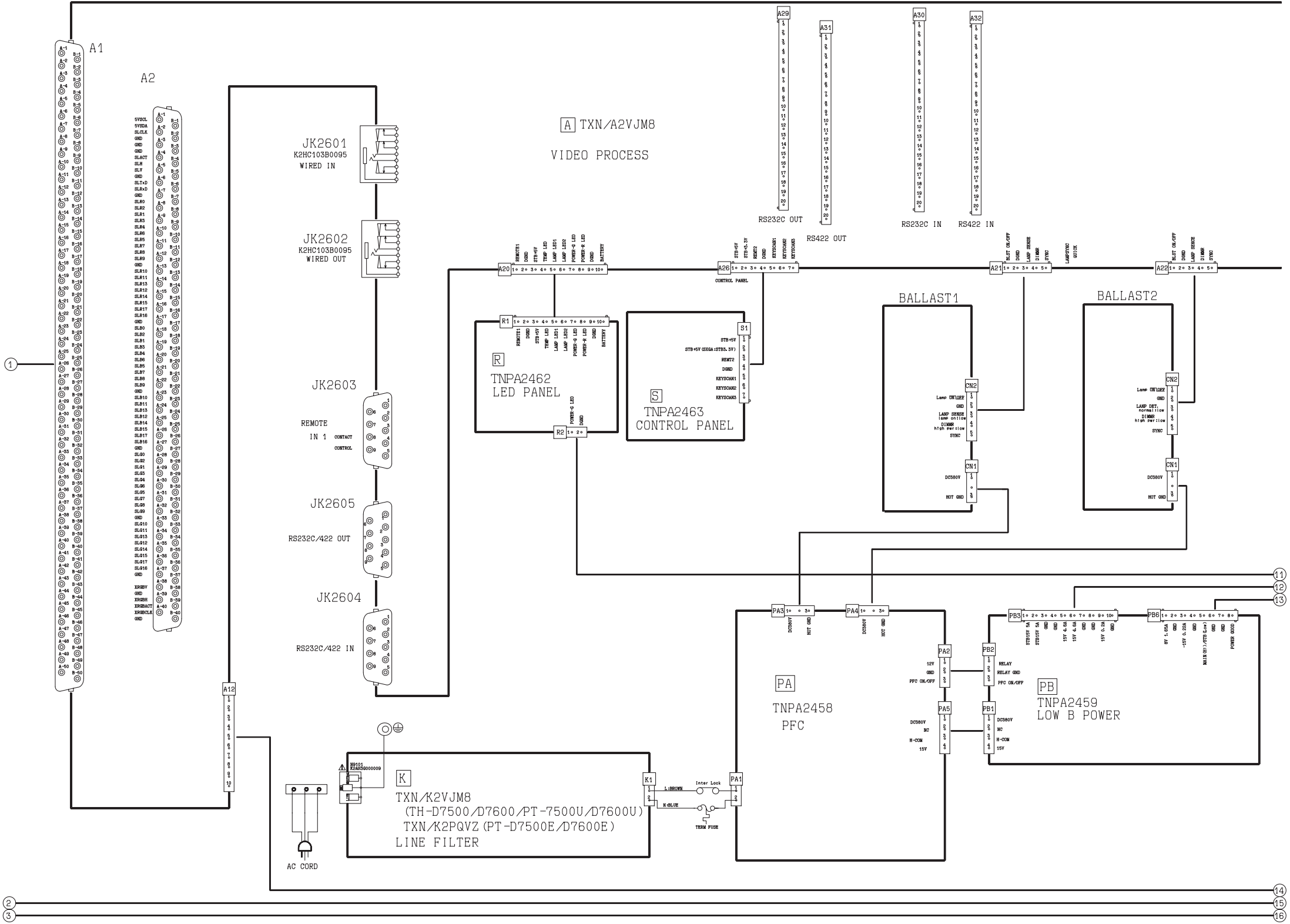
ADDRESS INFORMATION



INTERCONNECTION BLOCK DIAGRAM (1/3)



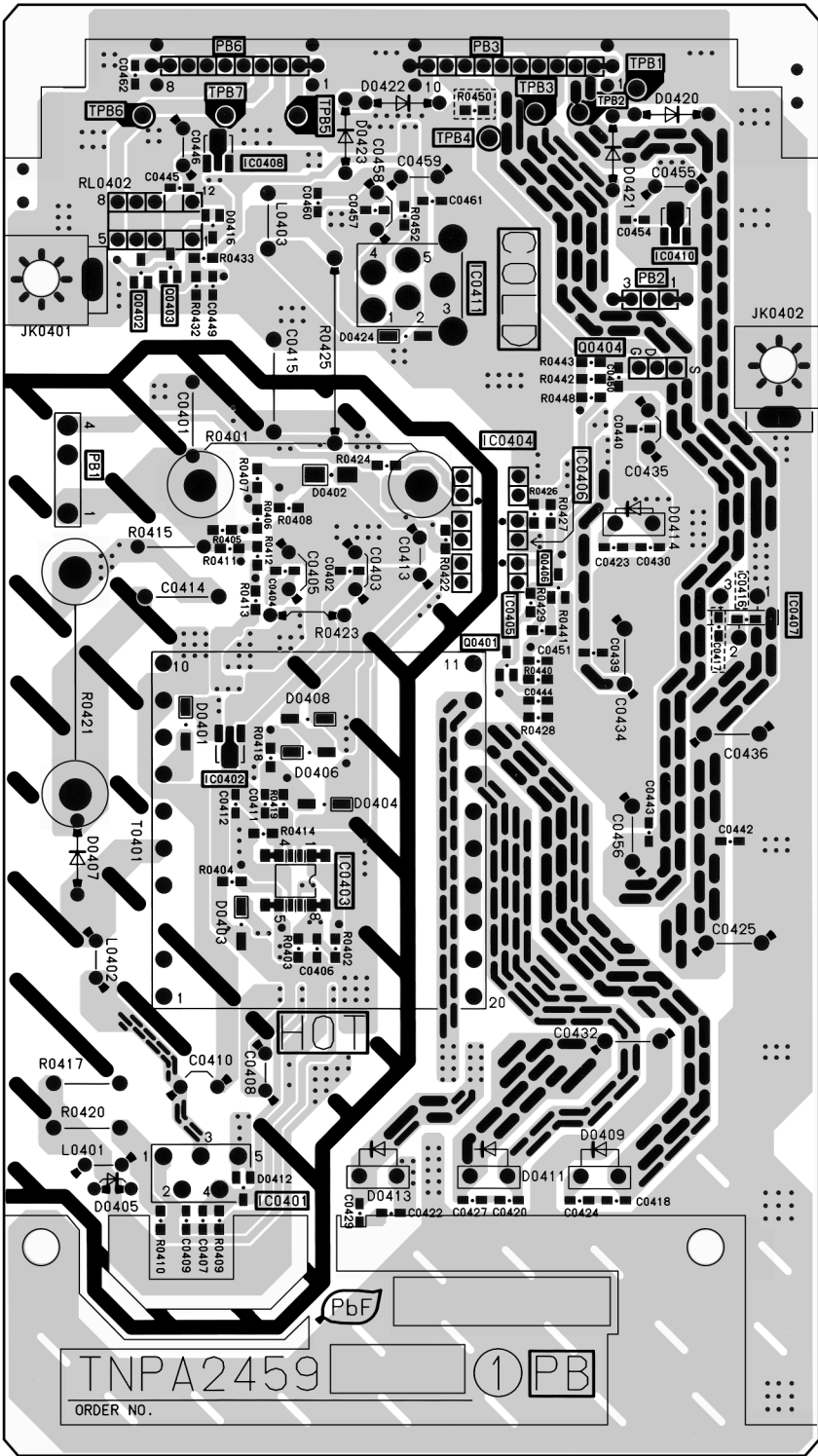
INTERCONNECTION BLOCK DIAGRAM (2/3)



F



PB-P.C.Board TNPA2459 (Foil Side)



PB-P.C.Board (Foil Side)

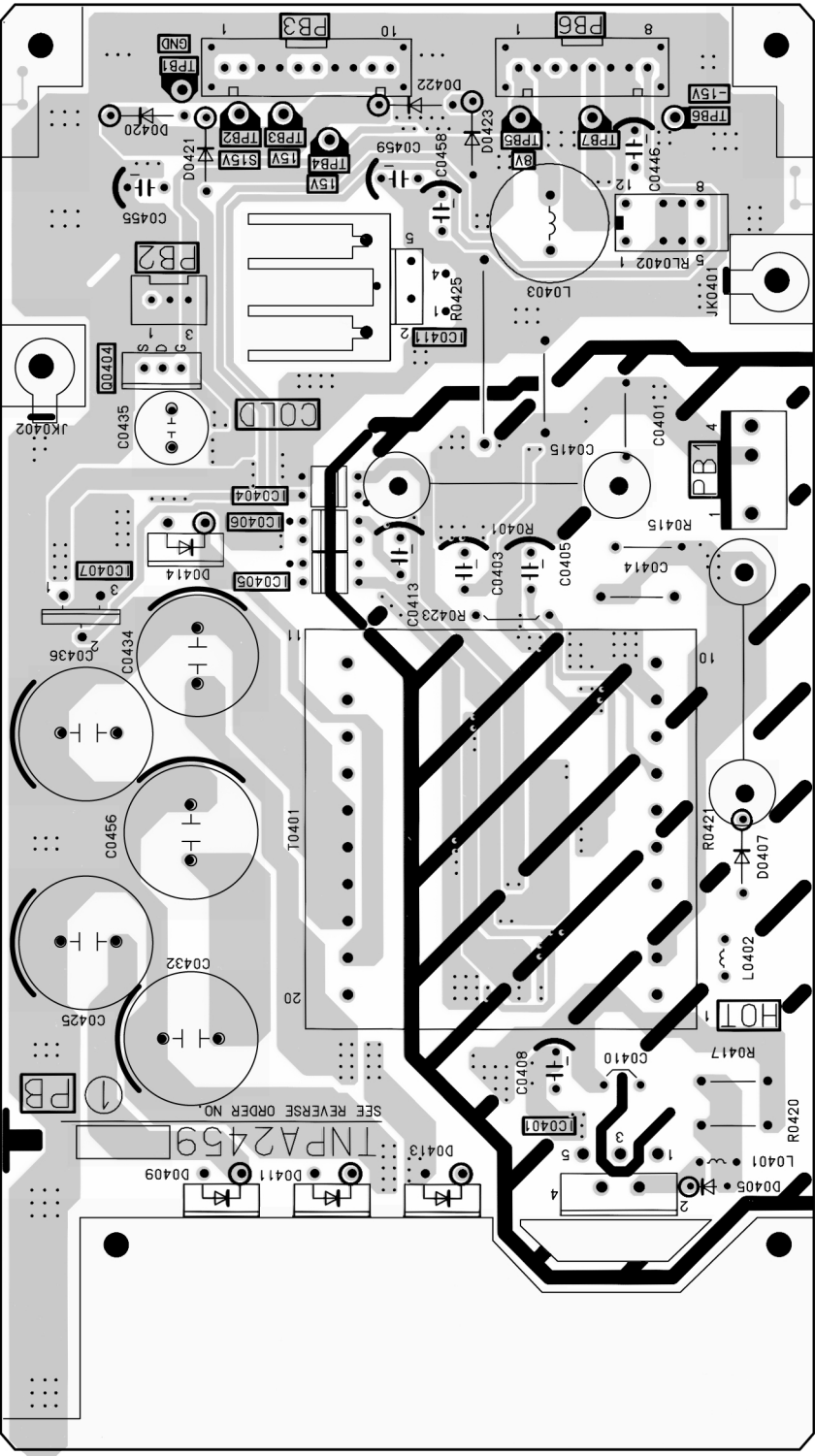
IC	
IC0401	B-2
IC0402	C-1
IC0403	C-2
IC0404	D-2
IC0405	C-2
IC0406	D-3
IC0407	C-3
IC0408	E-2
IC0410	E-3
IC0411	E-2

TRANSISTOR	
Q0401	C-2
Q0402	E-1
Q0403	E-1
Q0404	D-3
Q0406	D-2

TPB	
TPB1	E-3
TPB2	E-3
TPB3	E-2
TPB4	E-2
TPB5	E-2
TPB6	E-1
TPB7	E-1

ADDRESS INFORMATION

PB-P.C.Board TNPA2459 (Component Side)



PB-P.C.Board (Component Side)

IC	
IC0401	B-6
IC0404	D-5
IC0405	D-5
IC0406	D-5
IC0407	D-5
IC0411	D-6

TRANSISTOR	
Q0404	D-5

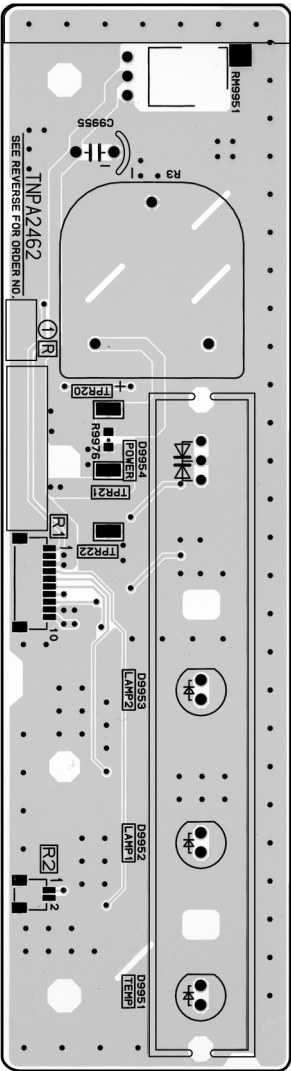
TPB	
TPB1	E-5
TPB2	E-5
TPB3	E-5
TPB4	E-6
TPB5	E-6
TPB6	E-7
TPB7	E-7

ADDRESS INFORMATION

R-P.C.Board TNPA2462 (Component Side)

R-P.C.Board (Component Side)	
TPR	
TPR20	C-9
TPR21	C-9
TPR22	B-9

ADDRESS INFORMATION



PC-P.C.Board TNPA2468
(Foil Side)

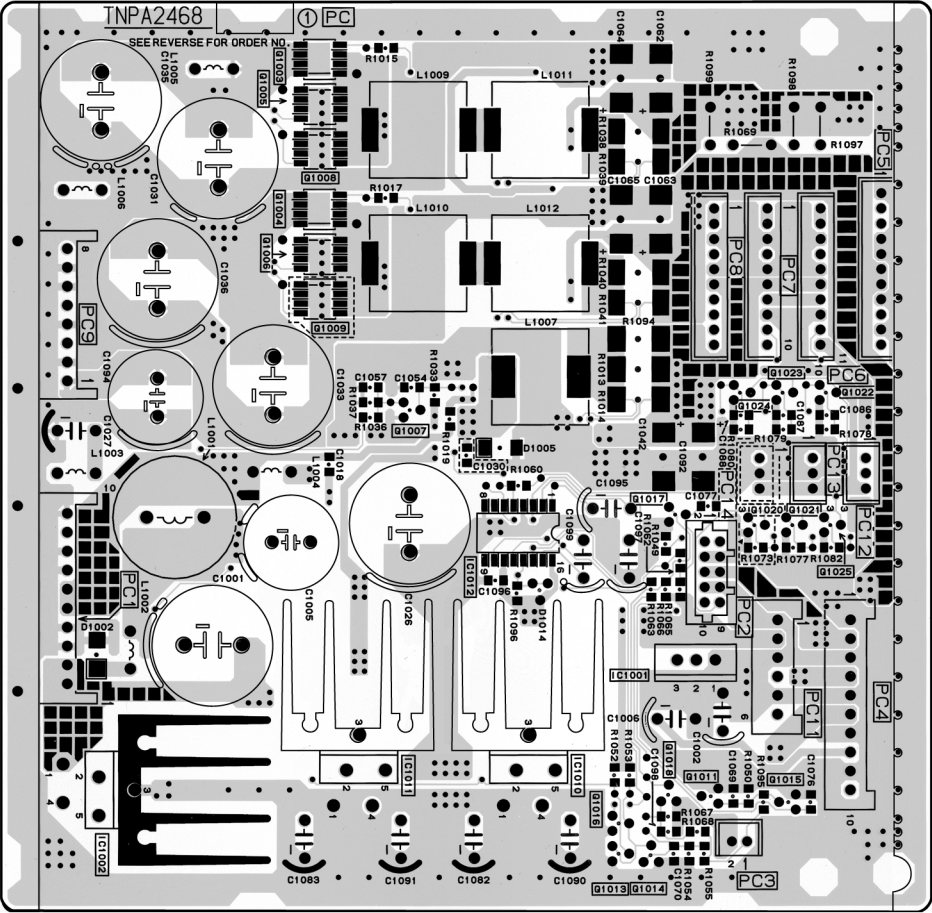
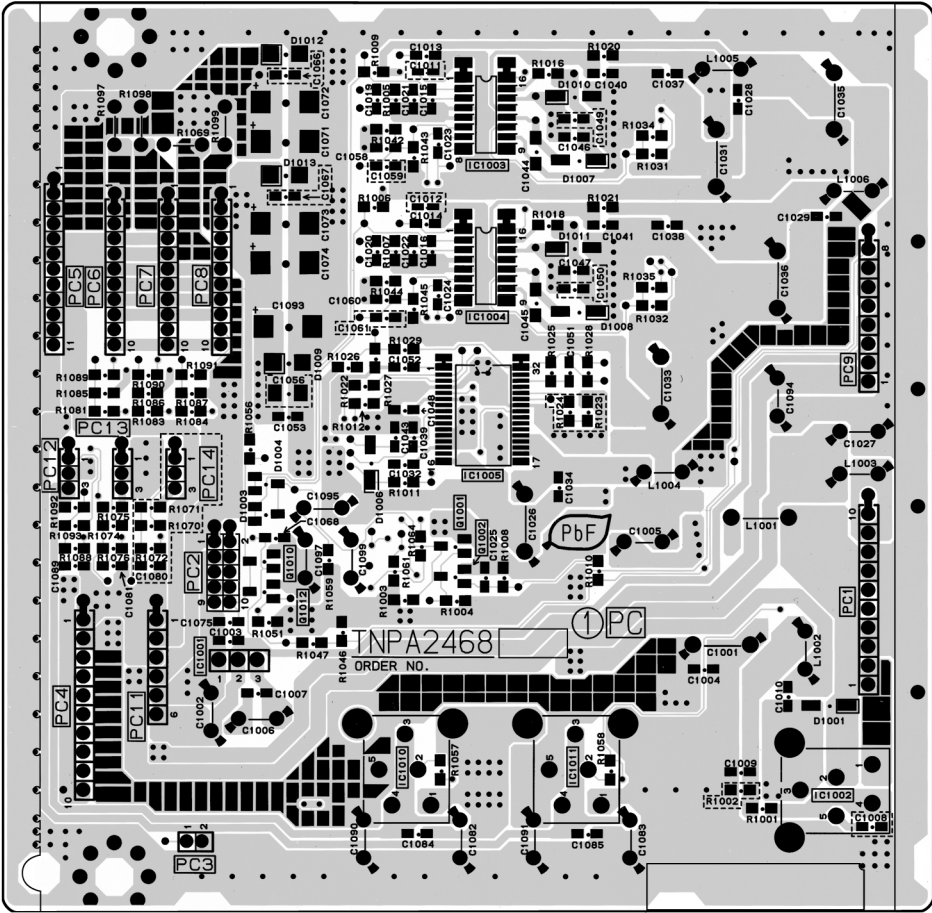
PC-P.C.Board (Foil Side)			
IC	TRANSISTOR		
IC1001	A-1	Q1001	B-2
IC1002	A-3	Q1002	B-2
IC1003	C-2	Q1010	B-2
IC1004	C-2	Q1012	B-2
IC1005	B-2		
IC1010	A-2		
IC1011	A-2		

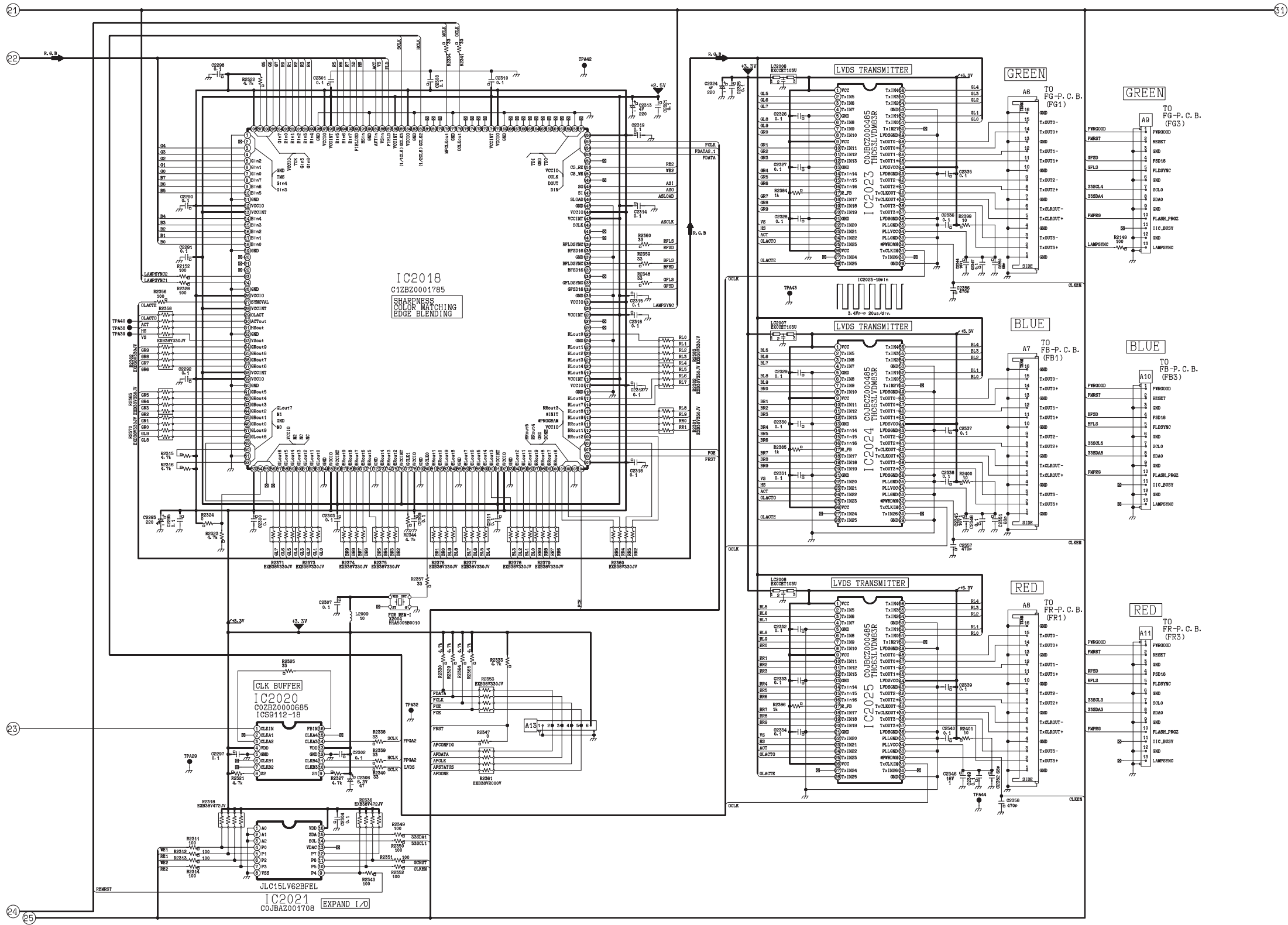
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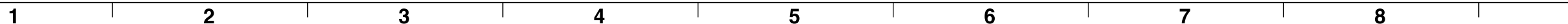
PC-P.C.Board TNPA2468
(Component Side)

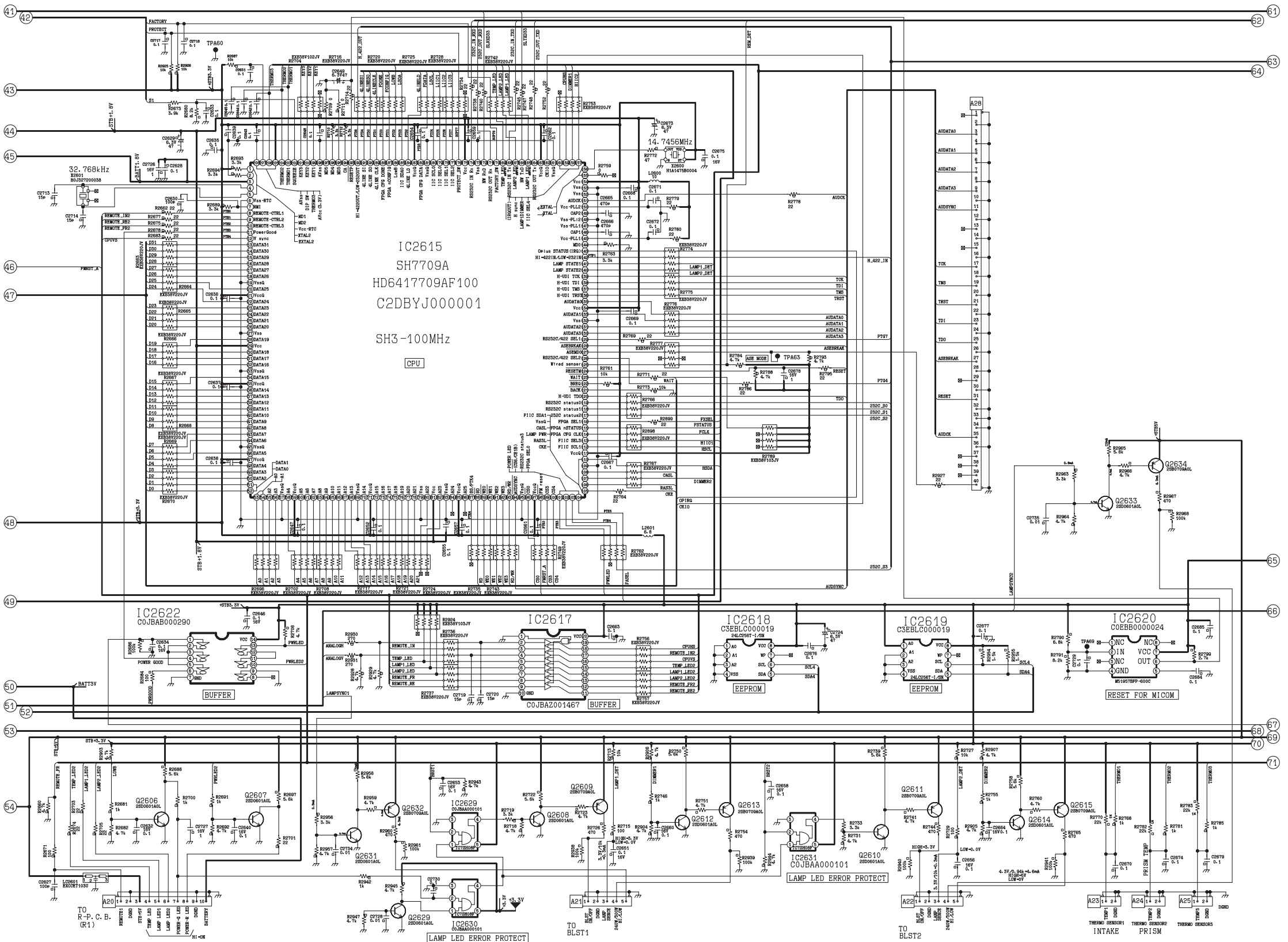
PC-P.C.Board (Component Side)					
IC					
IC1001	A-8	Q1003	C-6	Q1015	A-8
IC1002	A-6	Q1004	C-6	Q1016	A-7
IC1010	A-7	Q1005	C-6	Q1017	B-8
IC1011	A-7	Q1006	C-6	Q1018	A-8
IC1012	B-7	Q1007	B-7	Q1021	B-8
		Q1008	C-7	Q1022	B-8
		Q1011	A-8	Q1023	B-8
		Q1013	A-8	Q1024	B-8
		Q1014	A-8	Q1025	B-8

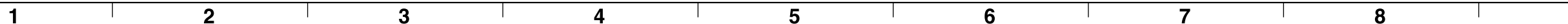
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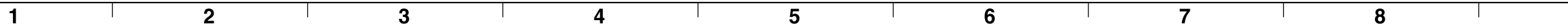












F

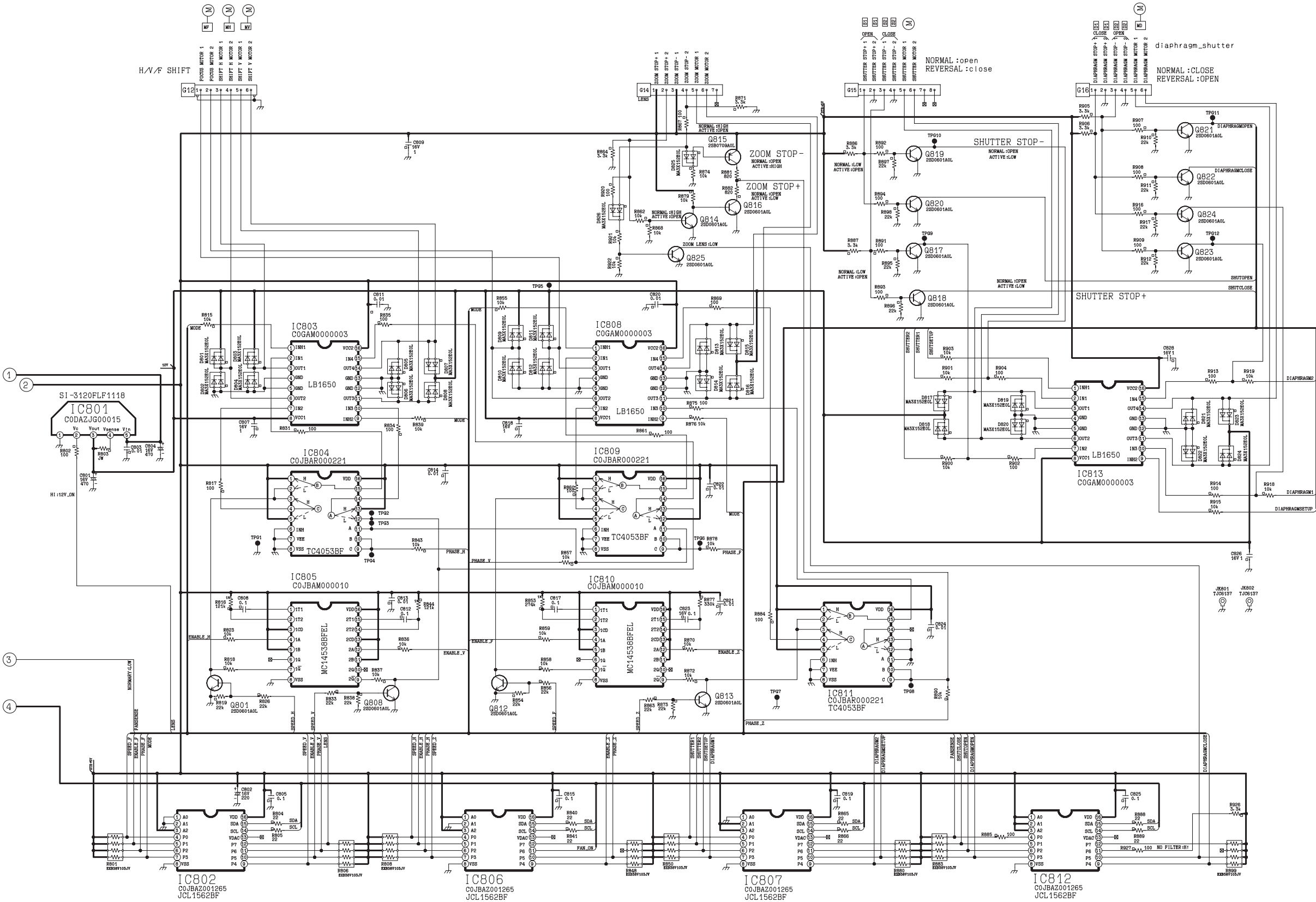
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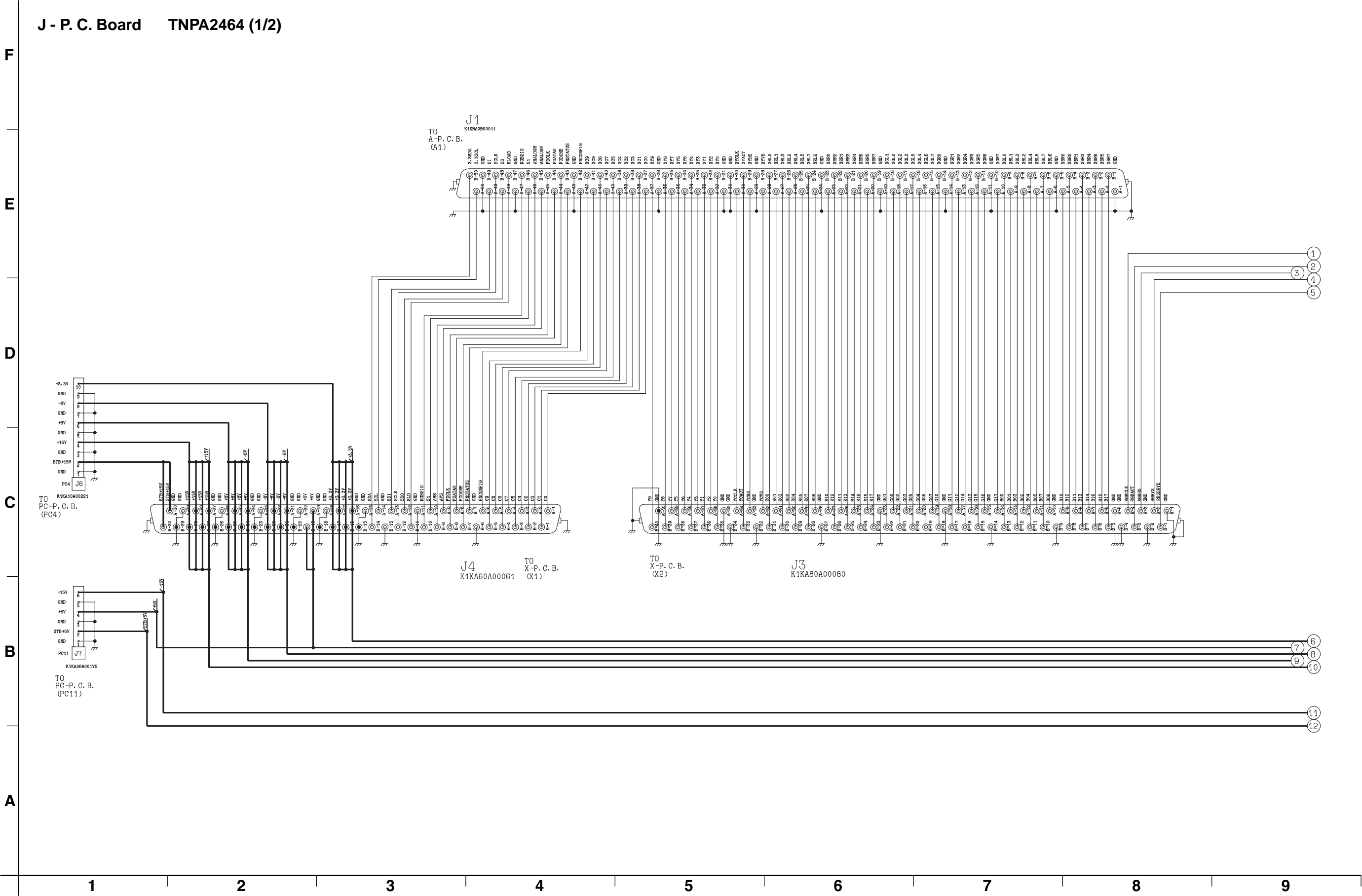
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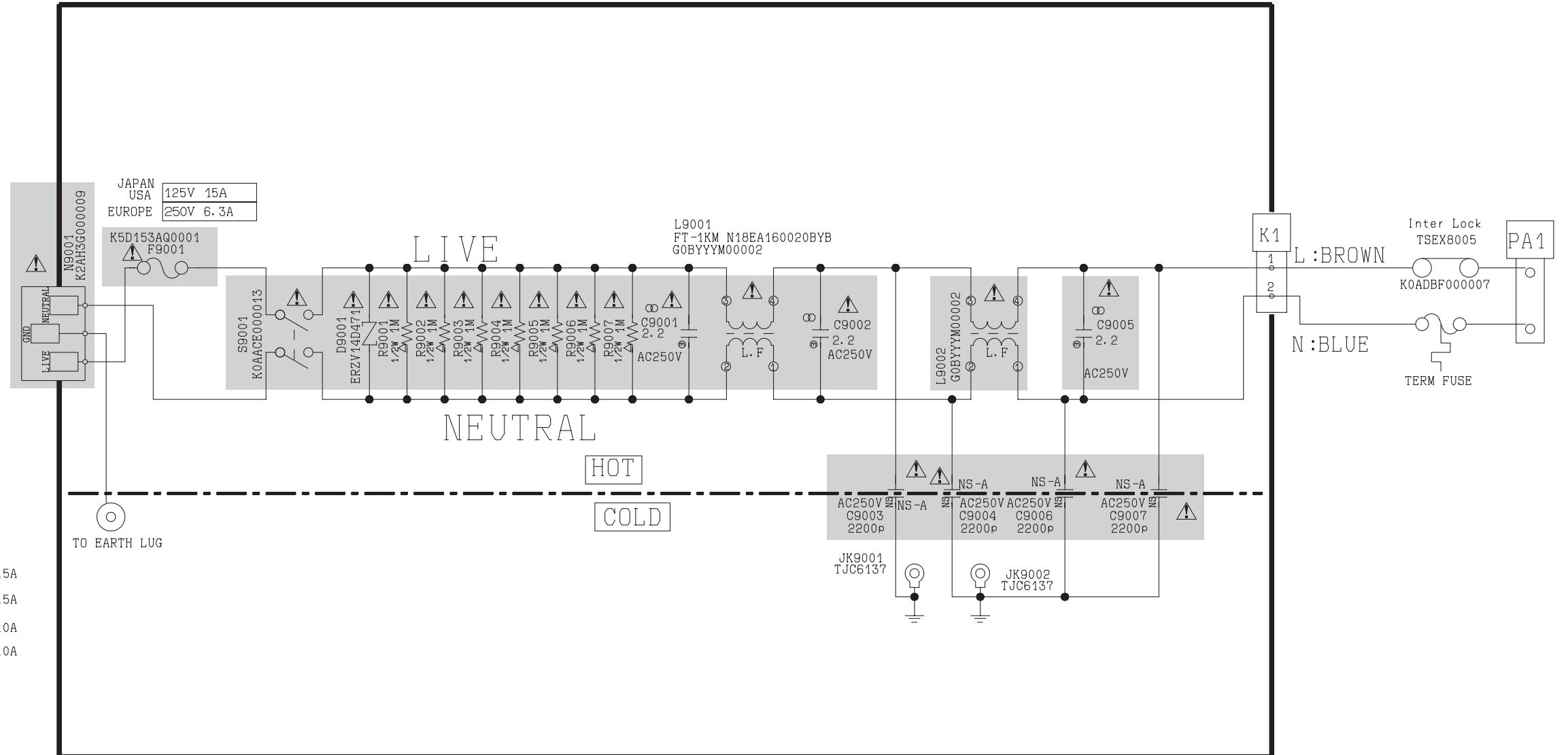
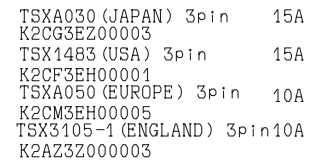
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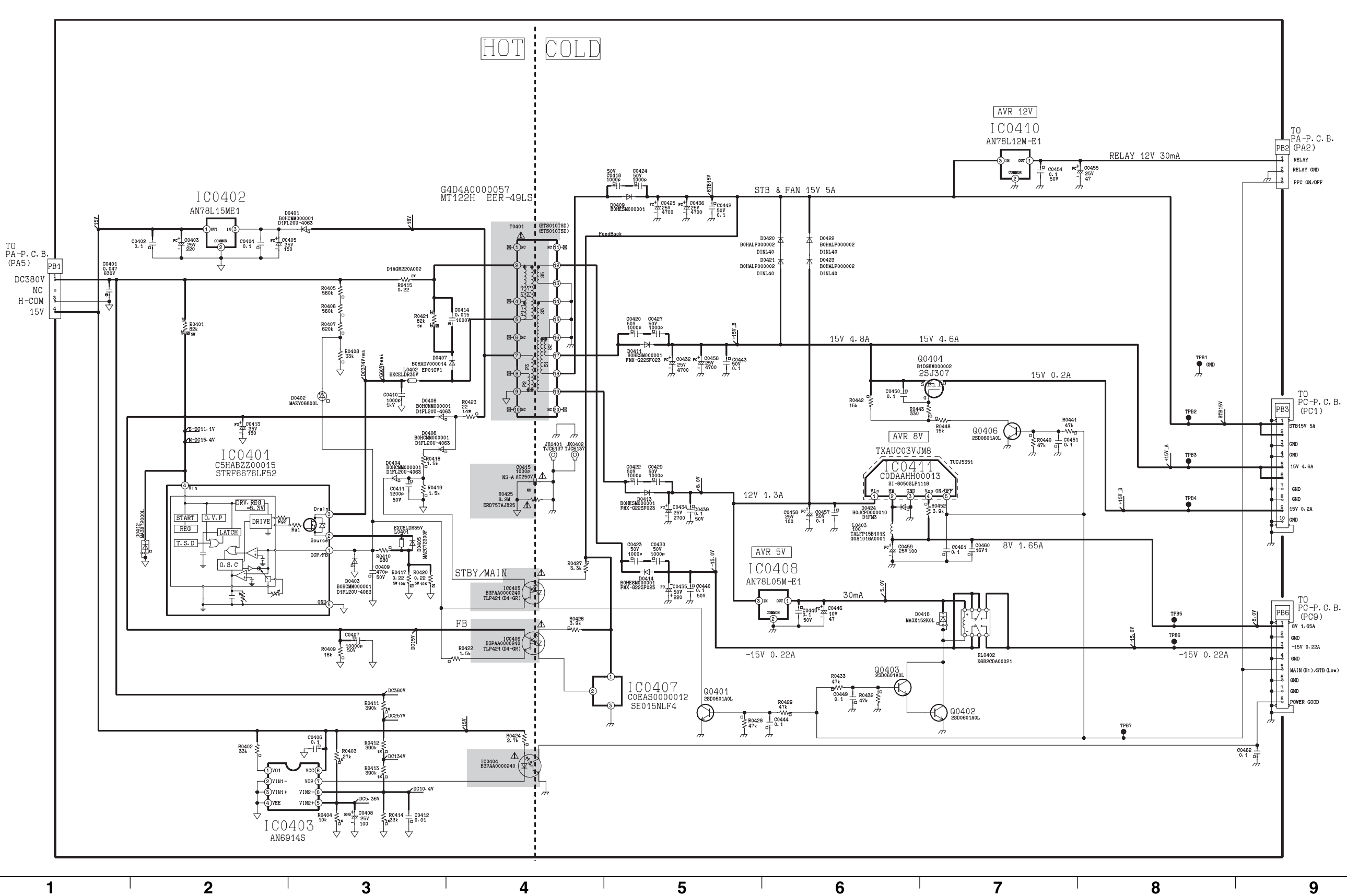
A











F

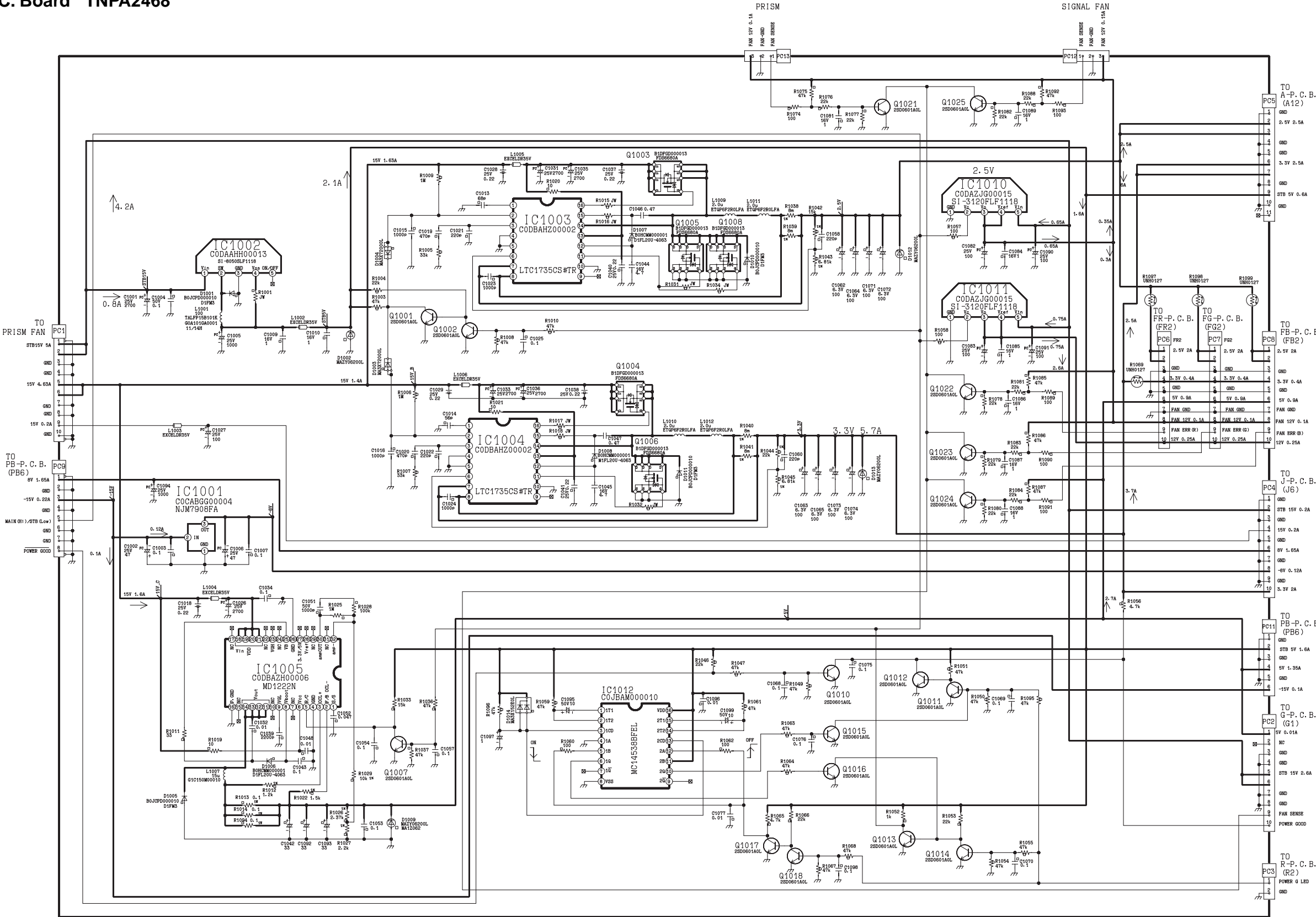
E

D

C

B

A



15 Schematic Diagram


Schematic Diagram for Model PT-D7500U and PT-D7600U

IMPORTANT SAFETY NOTICE


THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM FIRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING, IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.



Schematic Diagram for Model PT-D7500E and PT-D7600E



Important Safety Notice



Components identified by the international symbol  have special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified ones.



Notes:



1. Resistor
- All the resistors are carbon 1/4W resistors, unless marked as follows: The unit of resistance is an OHM [Ω] (K=1 000 M=1 000 000).
-  : Nonflammable



 : Metal Oxide
-  : Solid







 : Metal Film
-  : Wire Wound

 : Fuse
2. Capacitor
-  : Temperature Compensation

 : Electrolytic
-  : Polyester

 : Bipolar
-  : Metalized Polyester

 : Dipped Tantalum
-  : Polypropylene

 : Z-Type
3. Coil
- The unit of inductance is a μ H, unless otherwise noted.
4. Test Point
-  : Test Point
5. Voltage Measurement
- The voltage is measured by an electronic voltmeter receiving the colorbar signal when all the customer's controls are set to the standard condition.
6. Color code for the links between diagrams and circuit boards
- | From/To | | To/From | Color code |
|-------------------|---|-------------------|-------------------|
| Block diagram |  | Schematic diagram | Magenta |
| Schematic diagram |  | Schematic diagram | Green |
| Schematic diagram |  | Circuit boards | Yellow |
| Schematic diagram |  | Waveforms | Cyan (Light blue) |
7. HOT and COLD indications
- The power circuit board contains a circuit area using a separate power supply to isolate the ground connection. The circuit is defined by HOT and COLD indications in the schematic diagram. Take the precautions below:
8. This schematic diagram is the latest at the time of printing and subject to change without notice.
- Precautions:
1. NEVER touch the HOT part or the HOT and COLD parts at the same time, or you may get an electric shock.

2. NEVER short-circuit the HOT and COLD circuits, or the fuse may blow and the parts may break.

3. NEVER connect an instrument such oscilloscope to the HOT and COLD circuit simultaneously, or the fuse may blow. Connect the ground of instruments to the ground of the circuit being measured.

4. MAKE SURE to unplug the power cord from the power outlet before removing the chassis.

ERICAL SHOCK
ED AREAS OF

manufacturer's

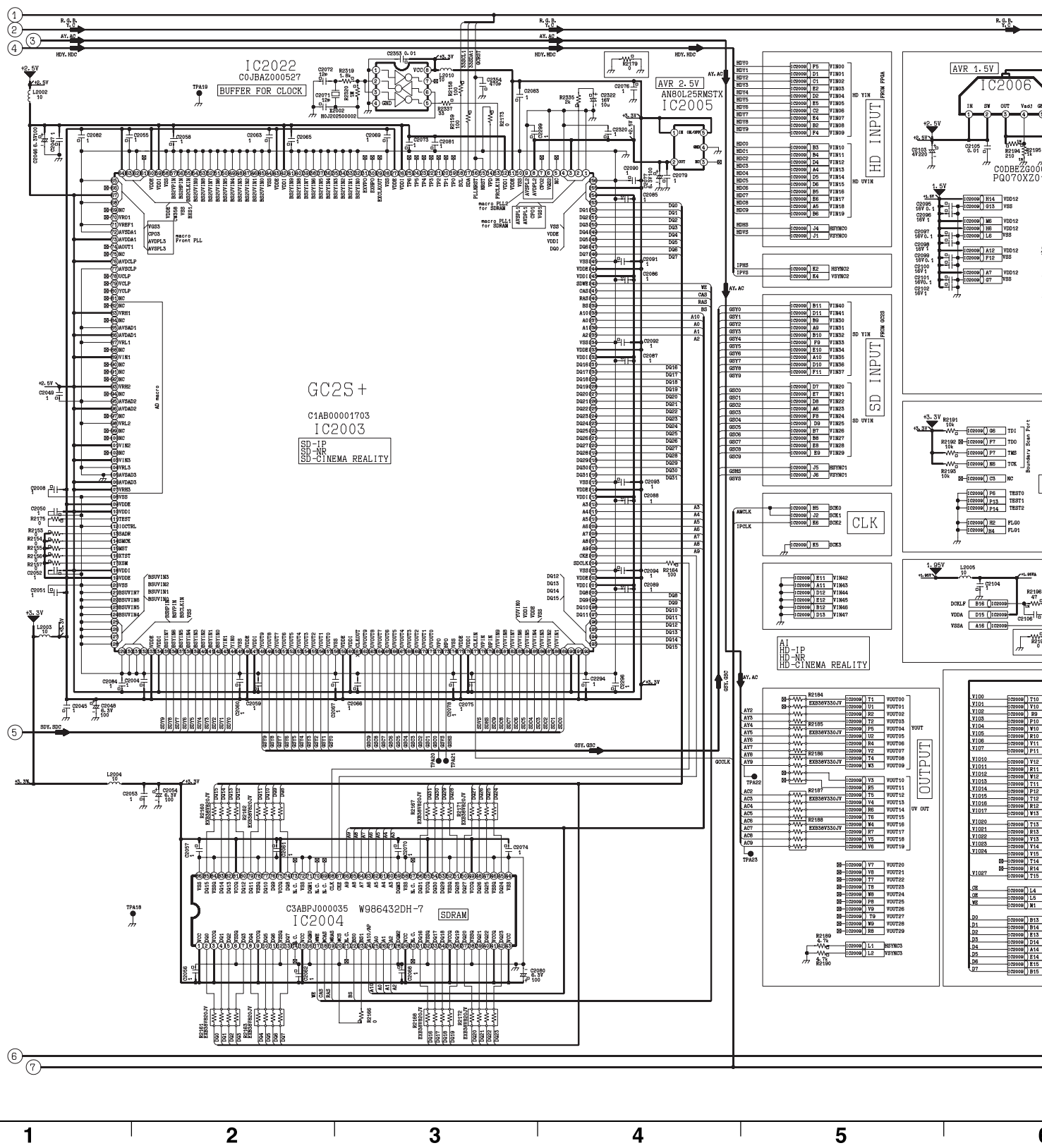
ons in the schematic

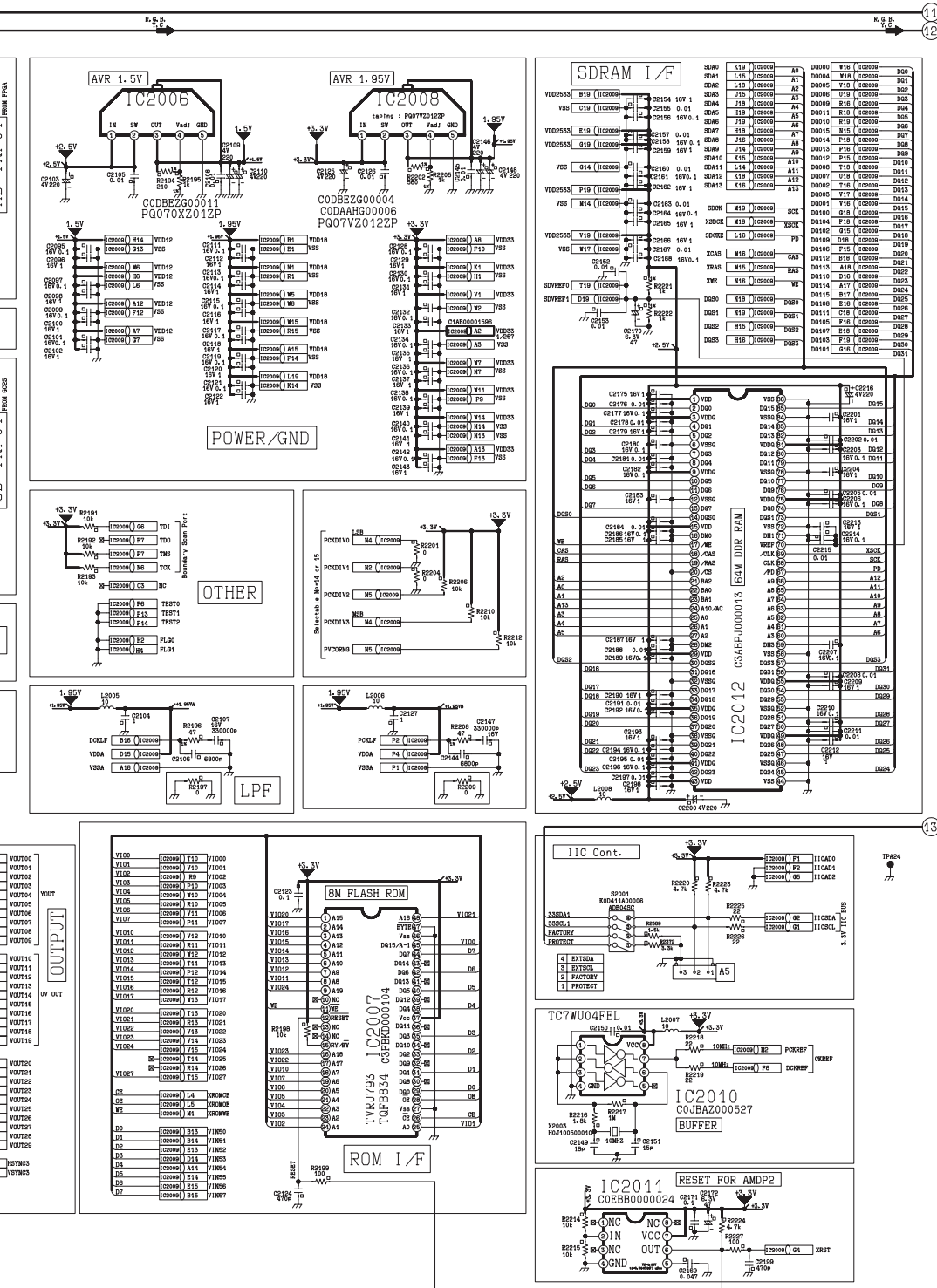
e circuit being measured.



15.2. A-P.C.Board (2/7)

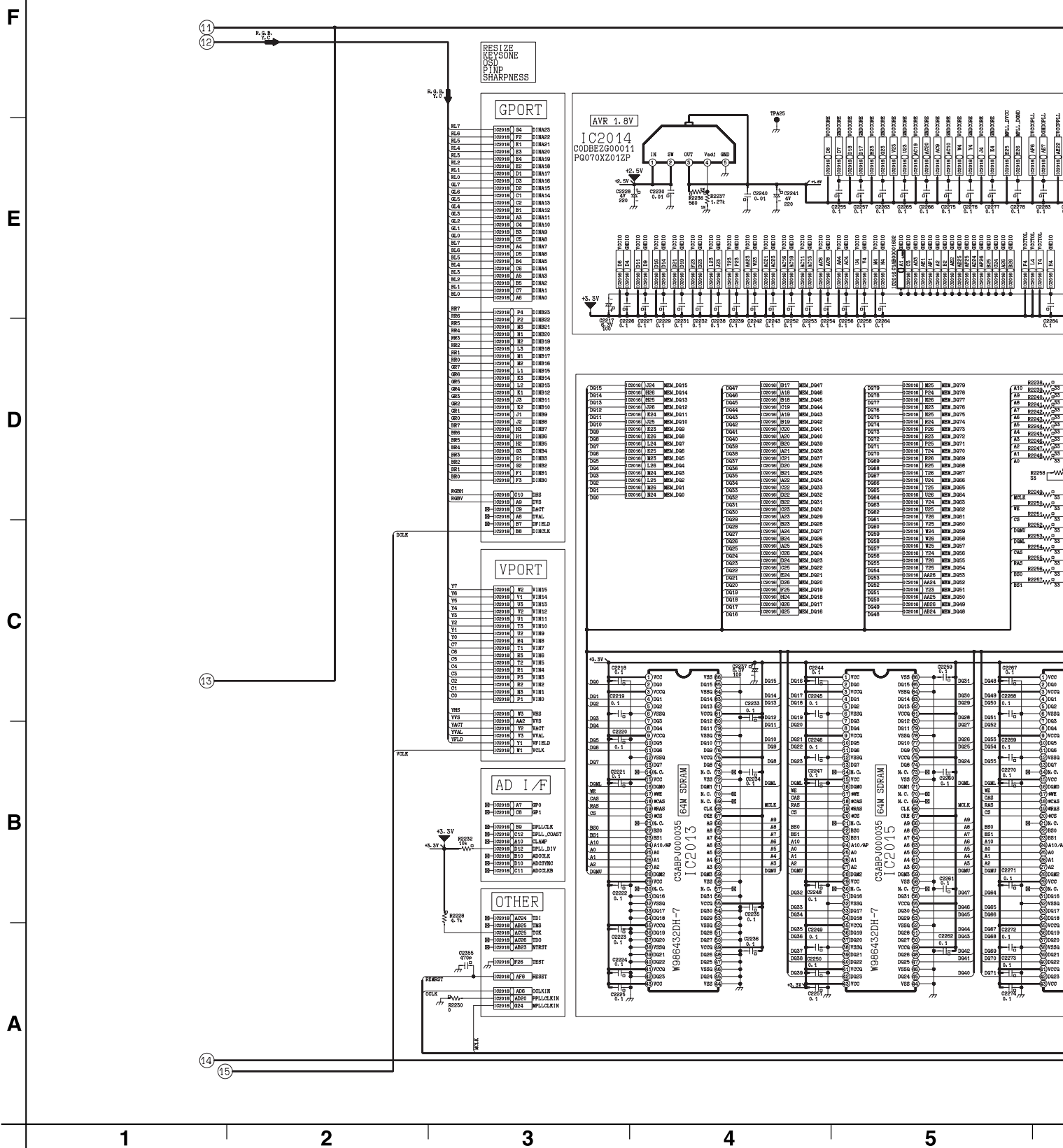
A - P. C. Board TXN/A2VJM8 (2/7)





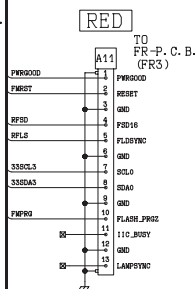
15.3. A-P.C.Board (3/7)

A - P. C. Board TXN/A2VJM8 (3/7)



A - P. C. Board TXN/A2VJM8 (4/7)





15.6. A-P.C.Board (6/7)

A - P. C. Board TXN/A2VJM8 (6/7)

F

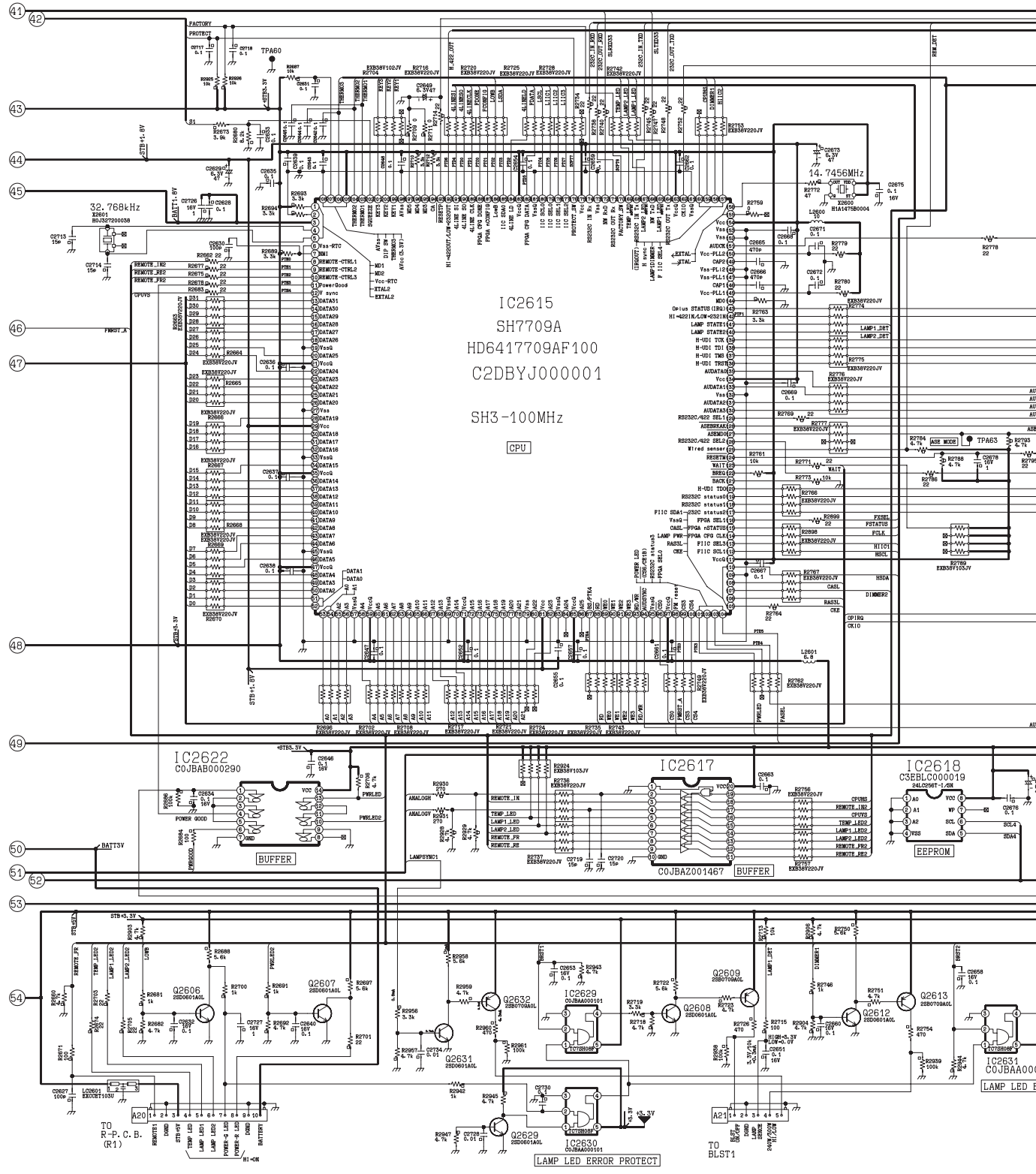
E

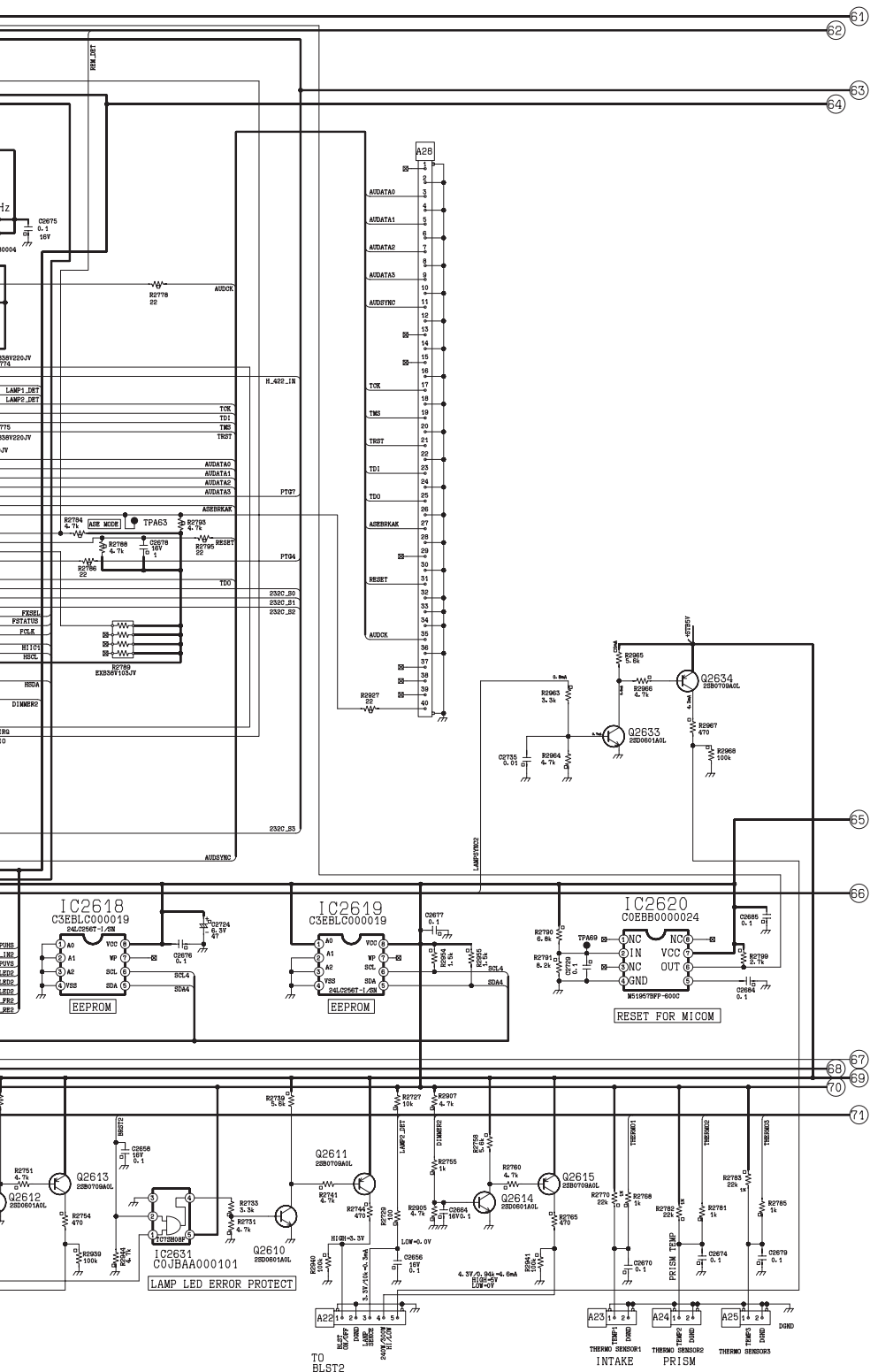
D

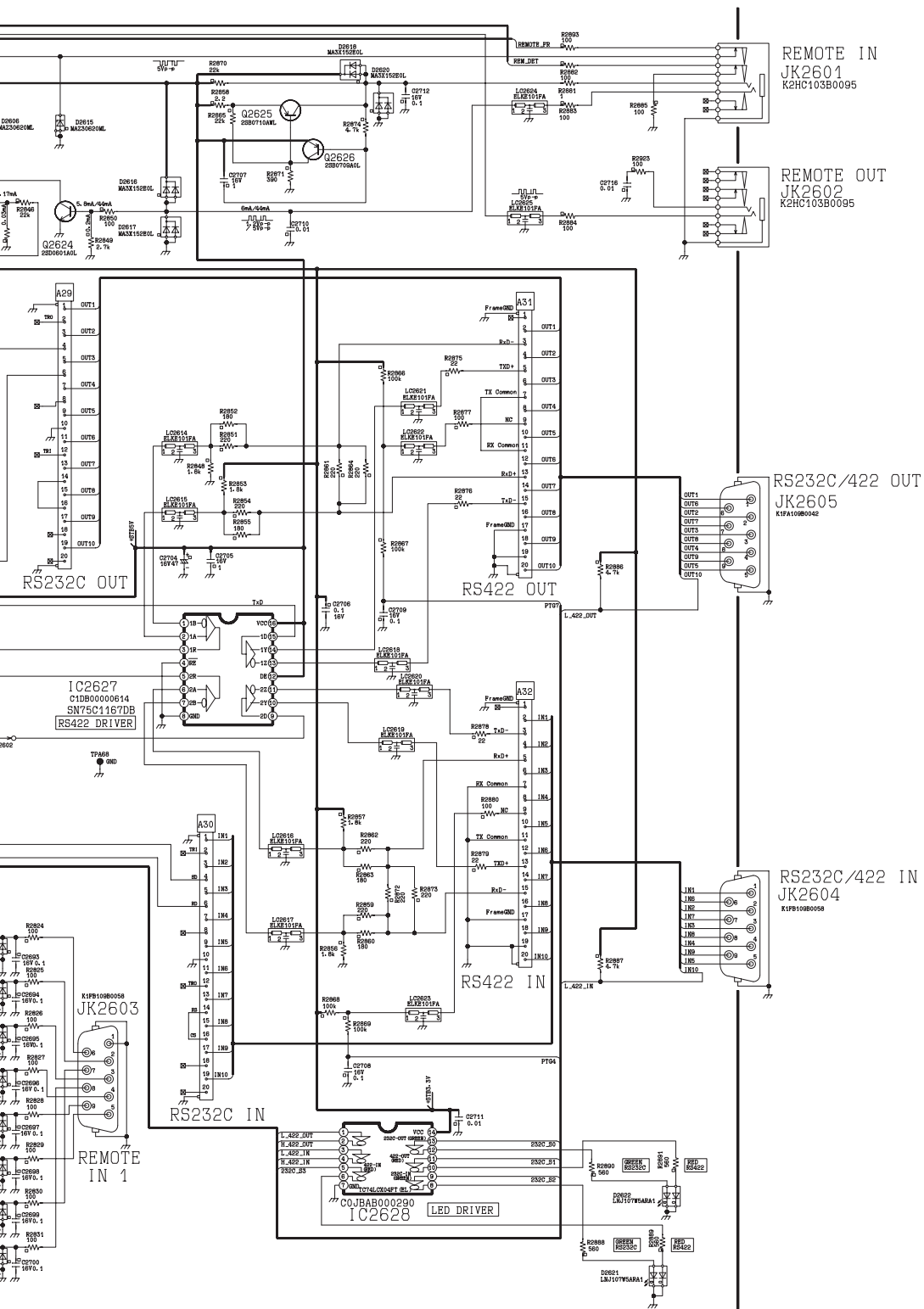
C

B

A







15.8. G-P.C.Board (1/2)

G - P. C. Board TXN/G1VJM8 (1/2)

F

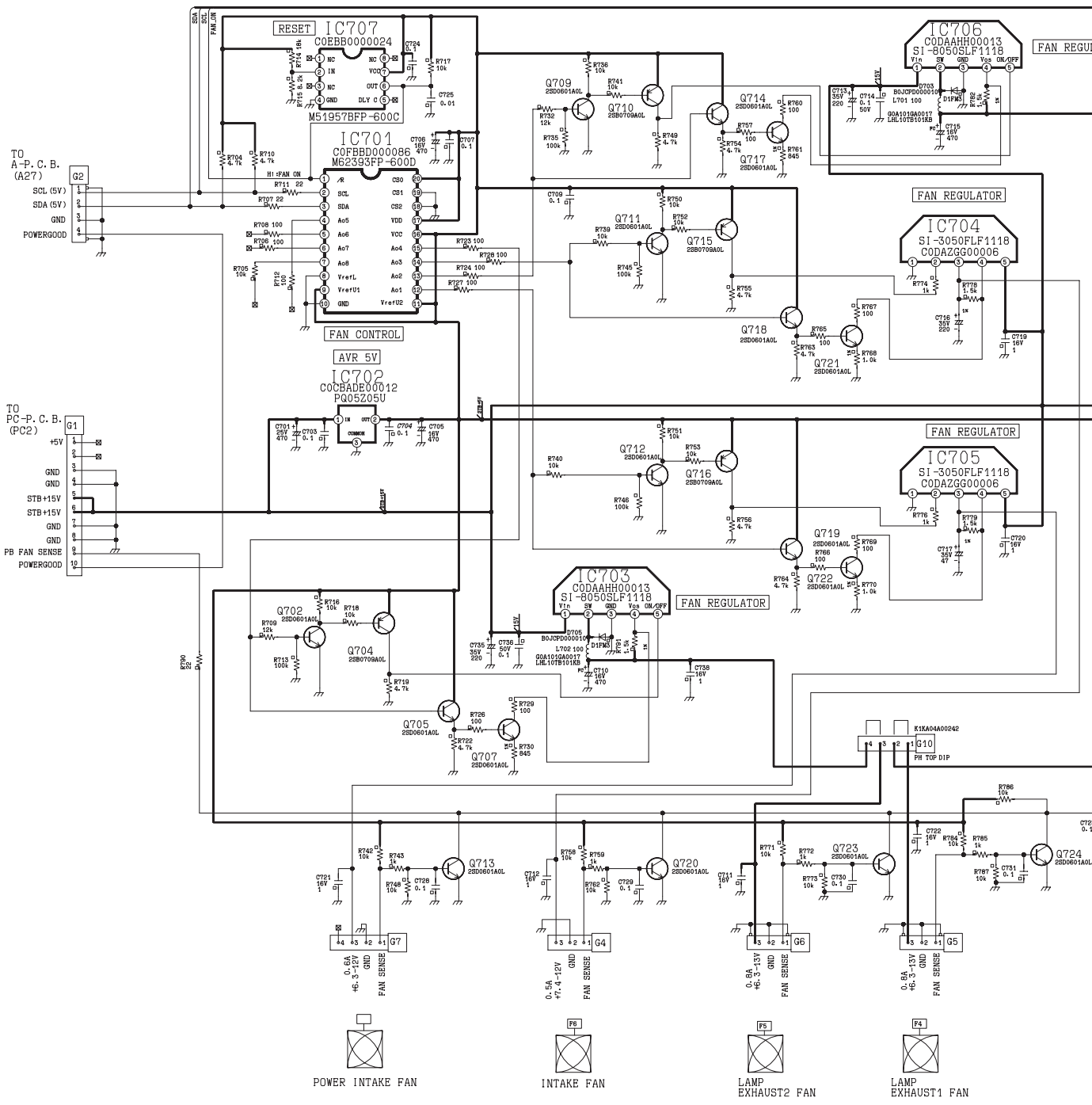
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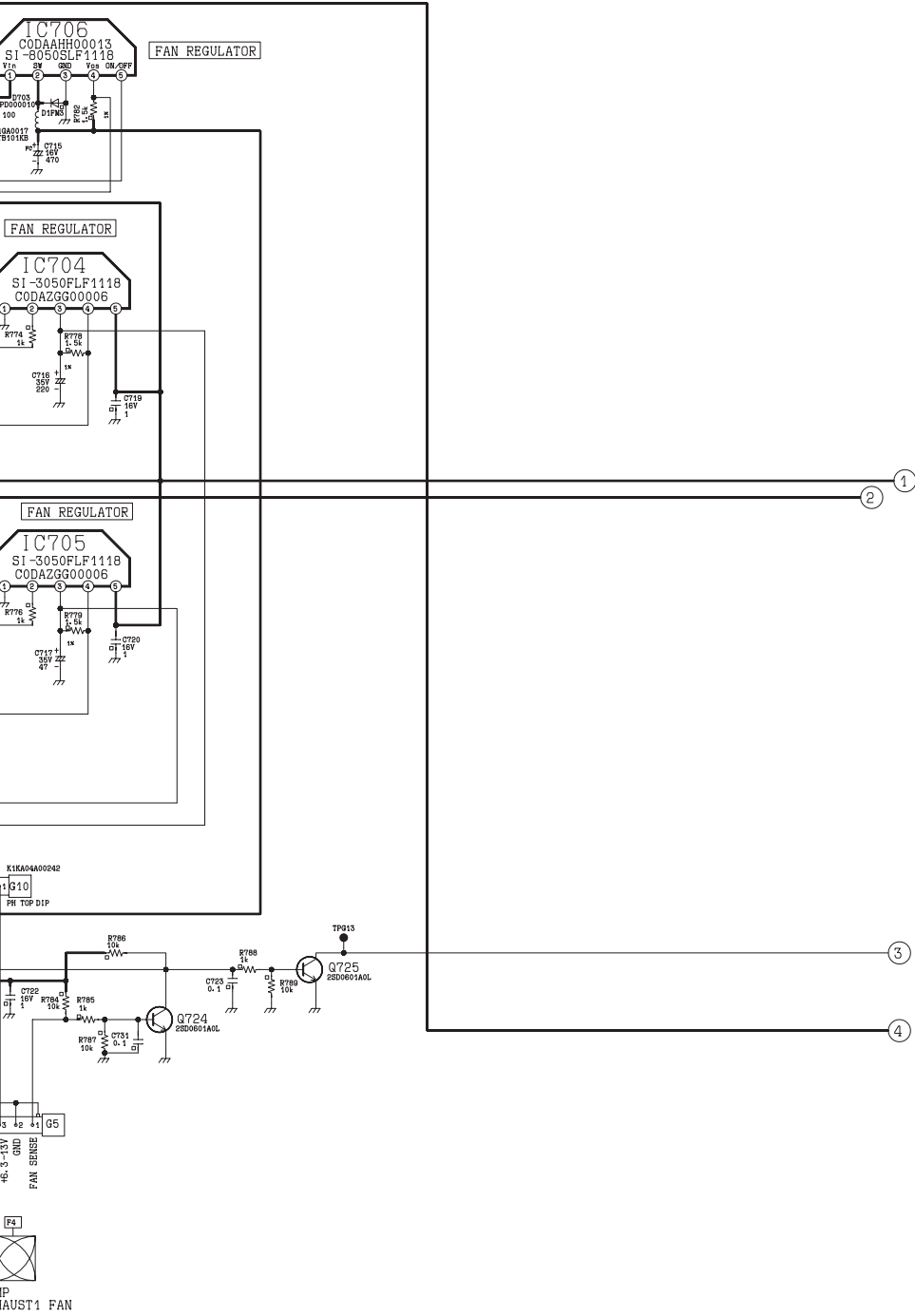
D

C

B

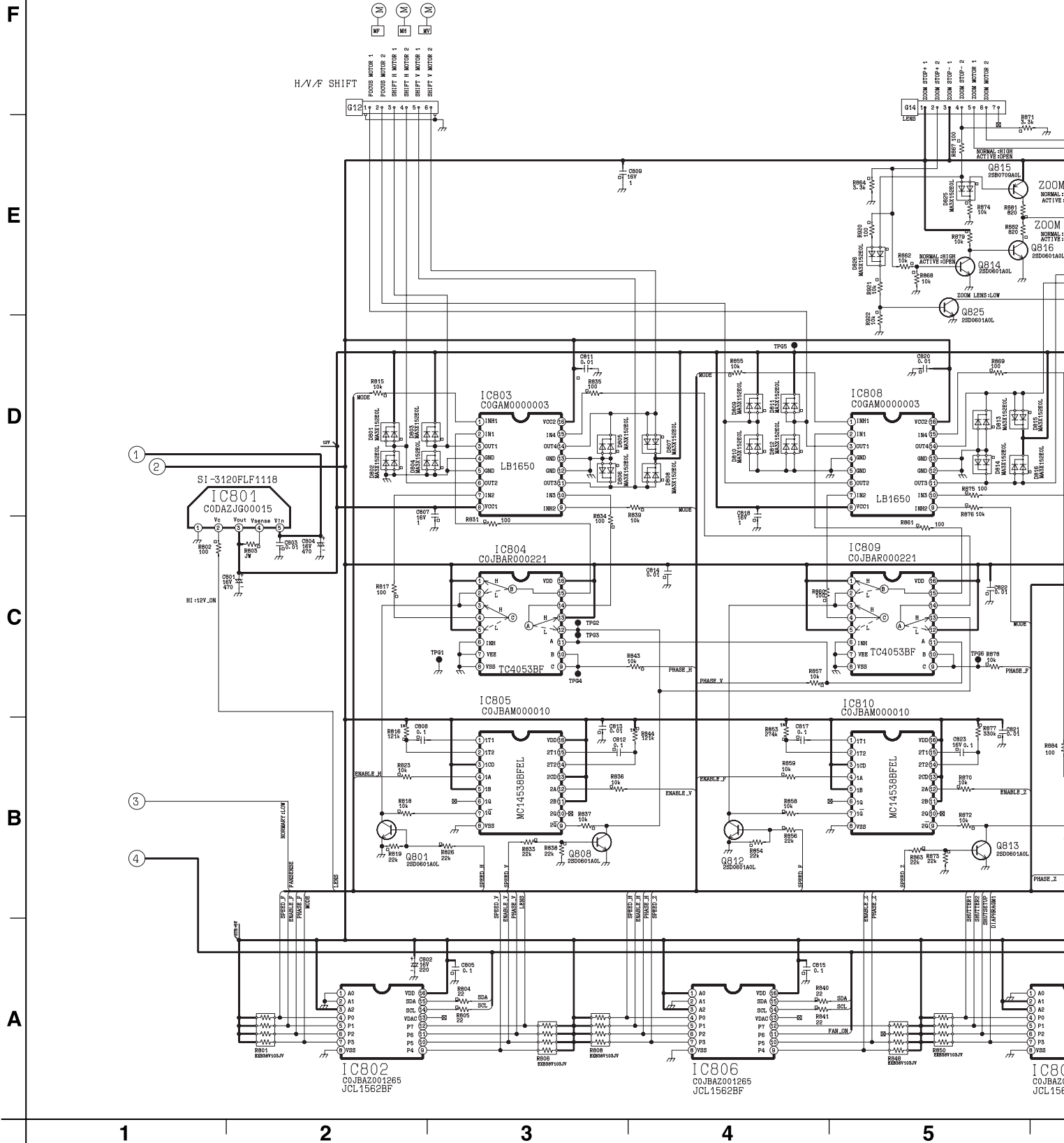
A

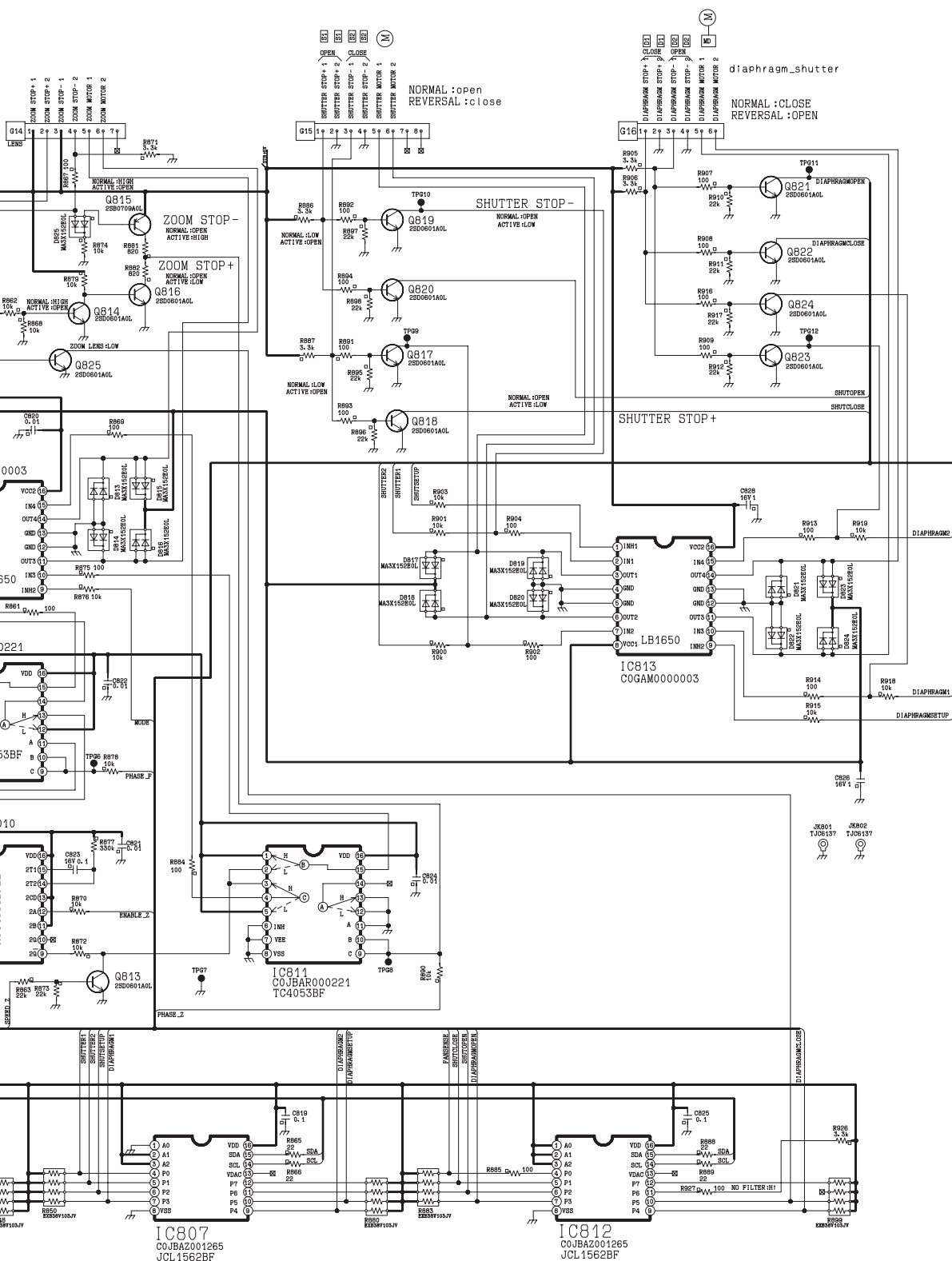




15.9. G-P.C.Board (2/2)

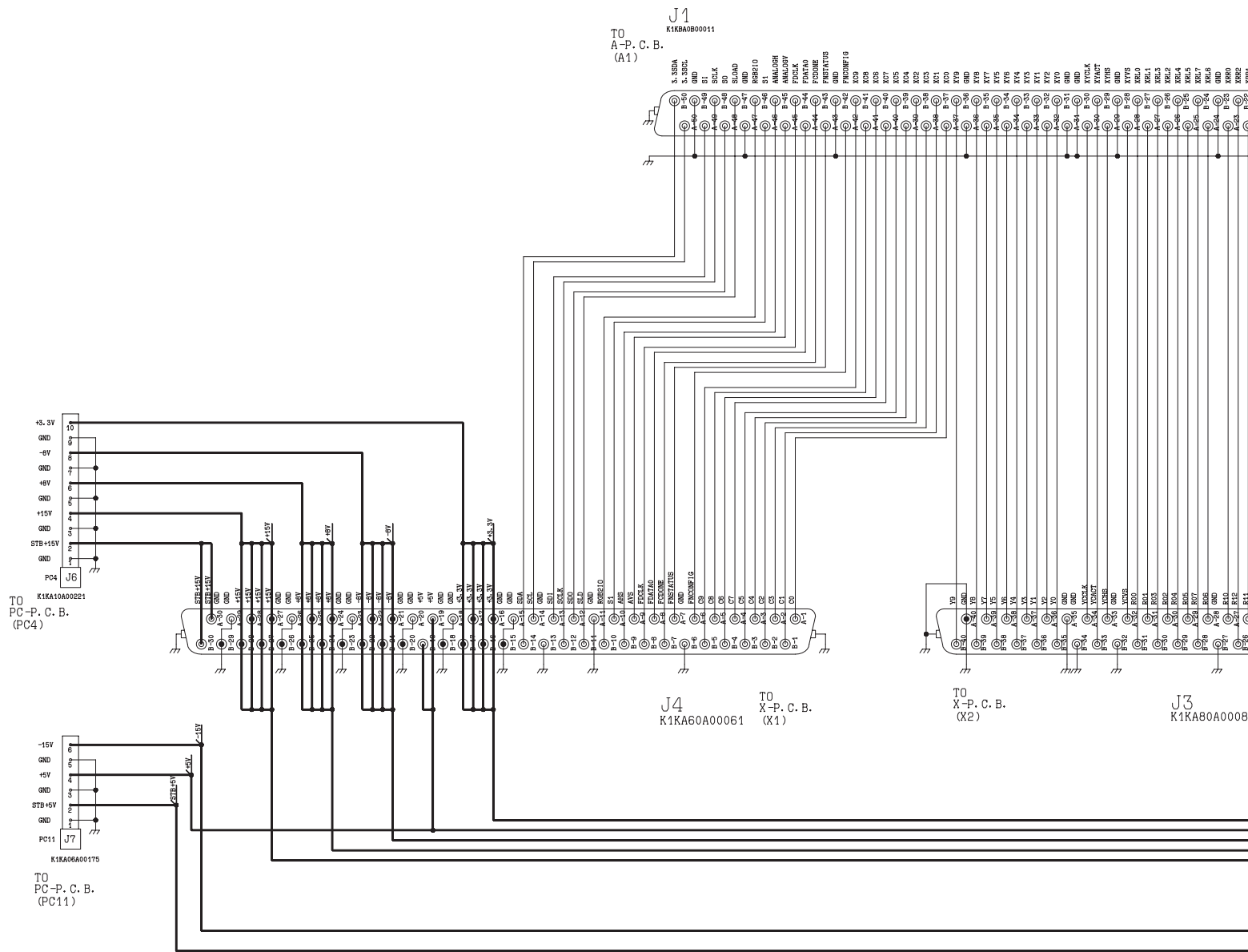
G - P. C. Board TXN/G1VJM8 (2/2)

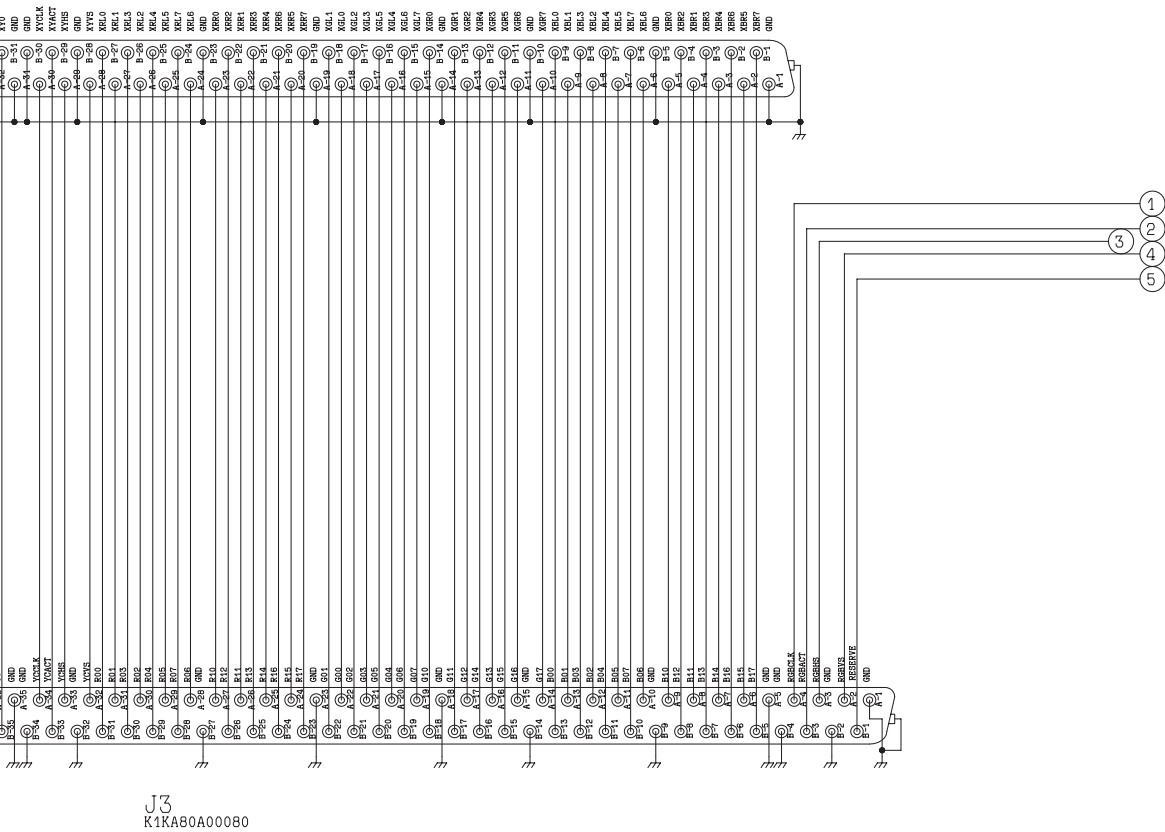




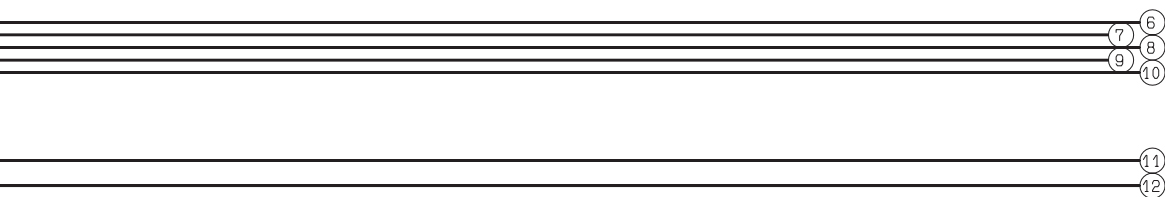
15.10. J-P.C.Board (1/2)

J - P. C. Board TNPA2464 (1/2)





J3
K1KA80A00080



15.11. J-P.C.Board (2/2)

J - P. C. Board TNPA2464 (2/2)

F

E

D

C

B

A

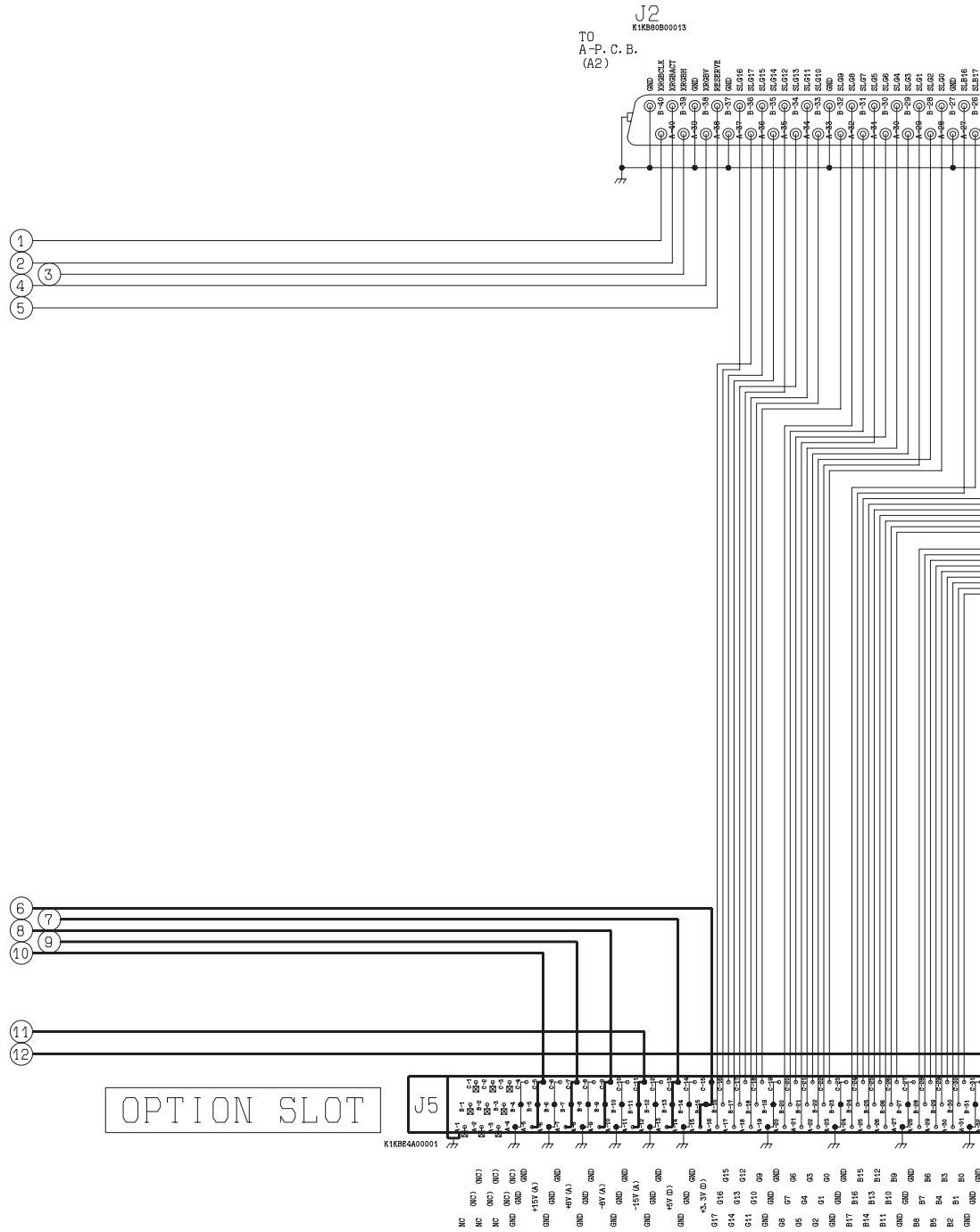
1

2

3

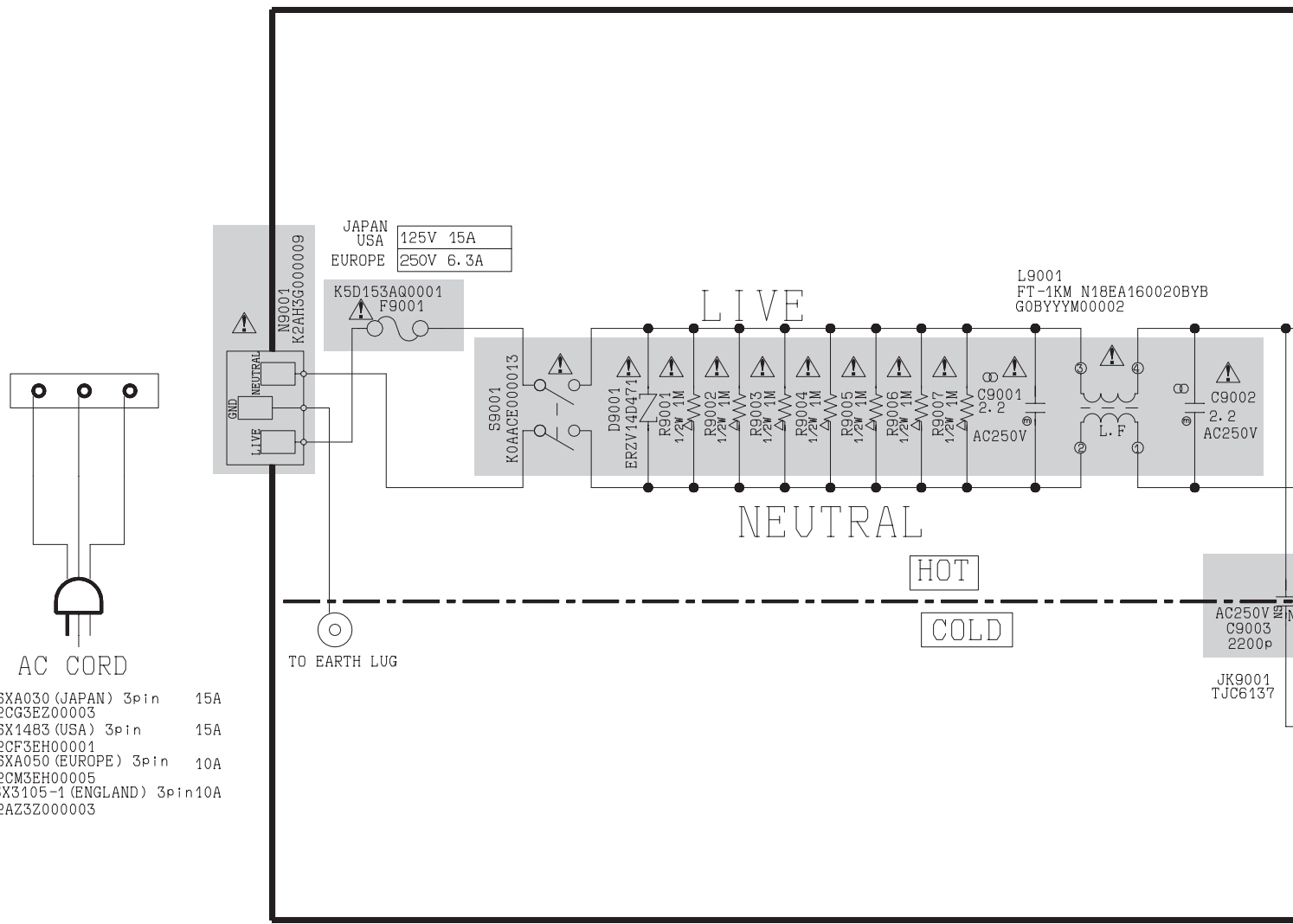
4

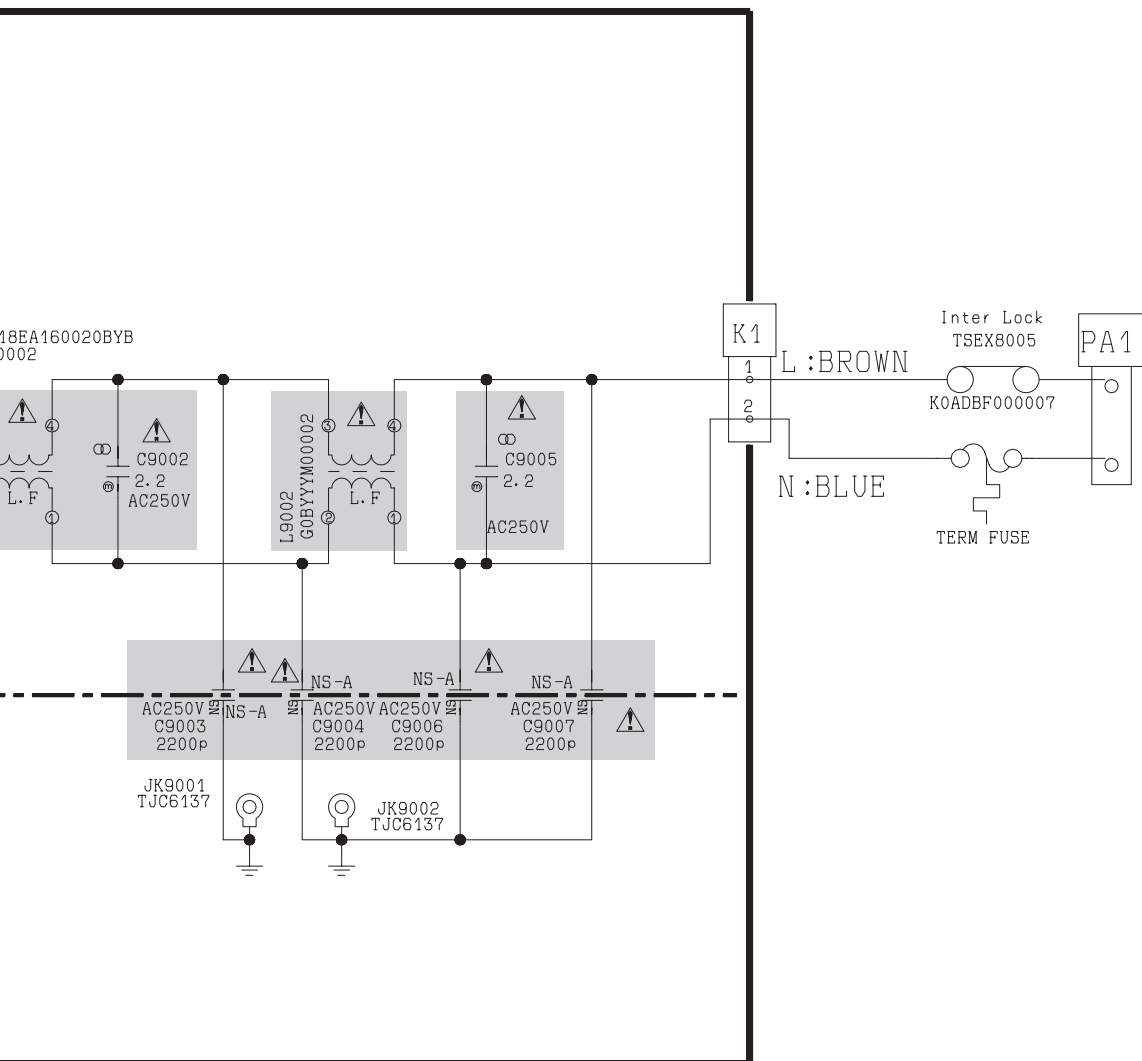
5



15.12. K-P.C.Board

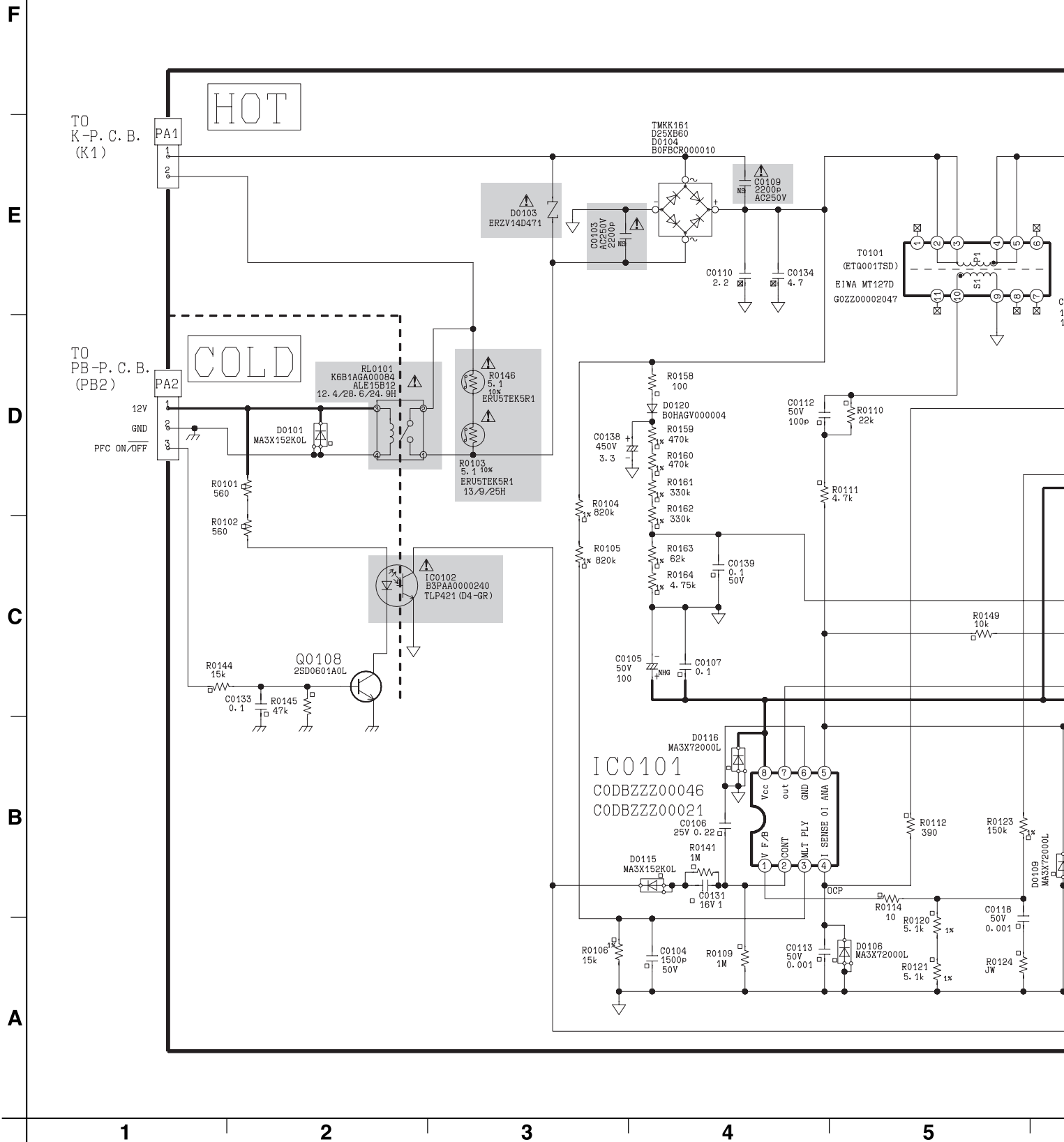
K - P. C. Board TXN/K2VJM8 (TH-D7500/D7600/PT-D7500U/D7600U)
TXN/K2PQVZ (PT-D7500E/D7600E)

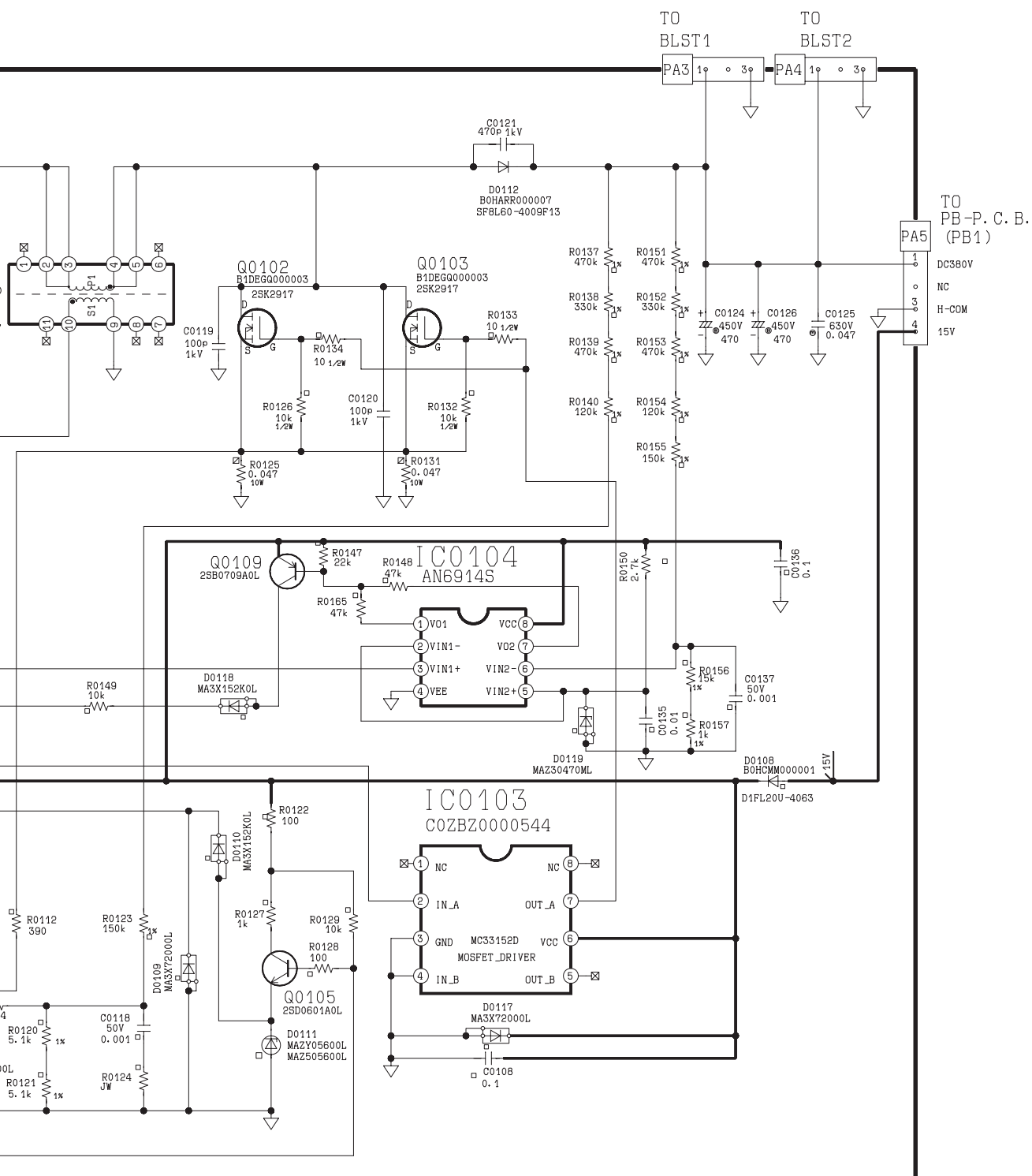




15.13. PA-P.C.Board

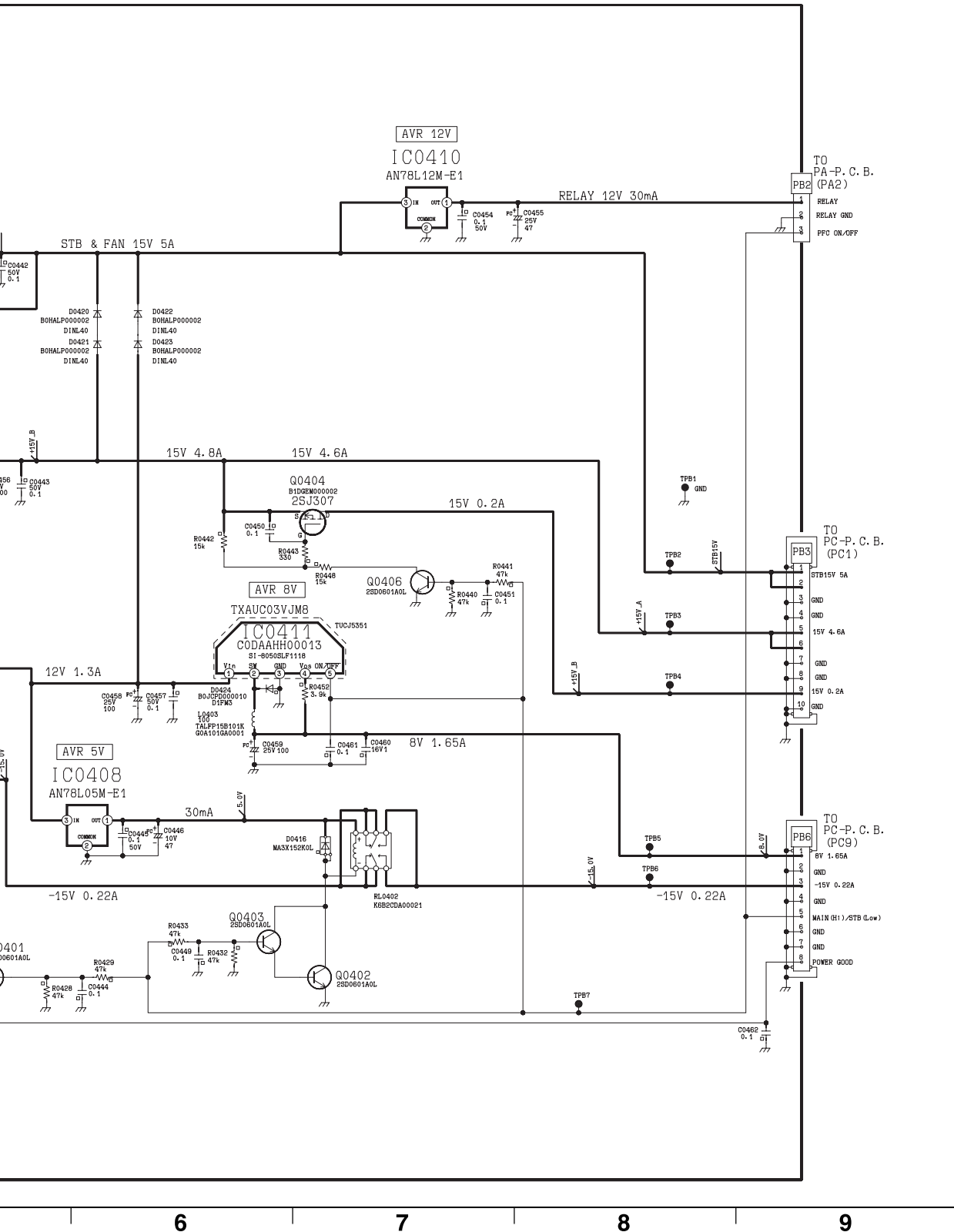
PA - P. C. Board TNPA2458





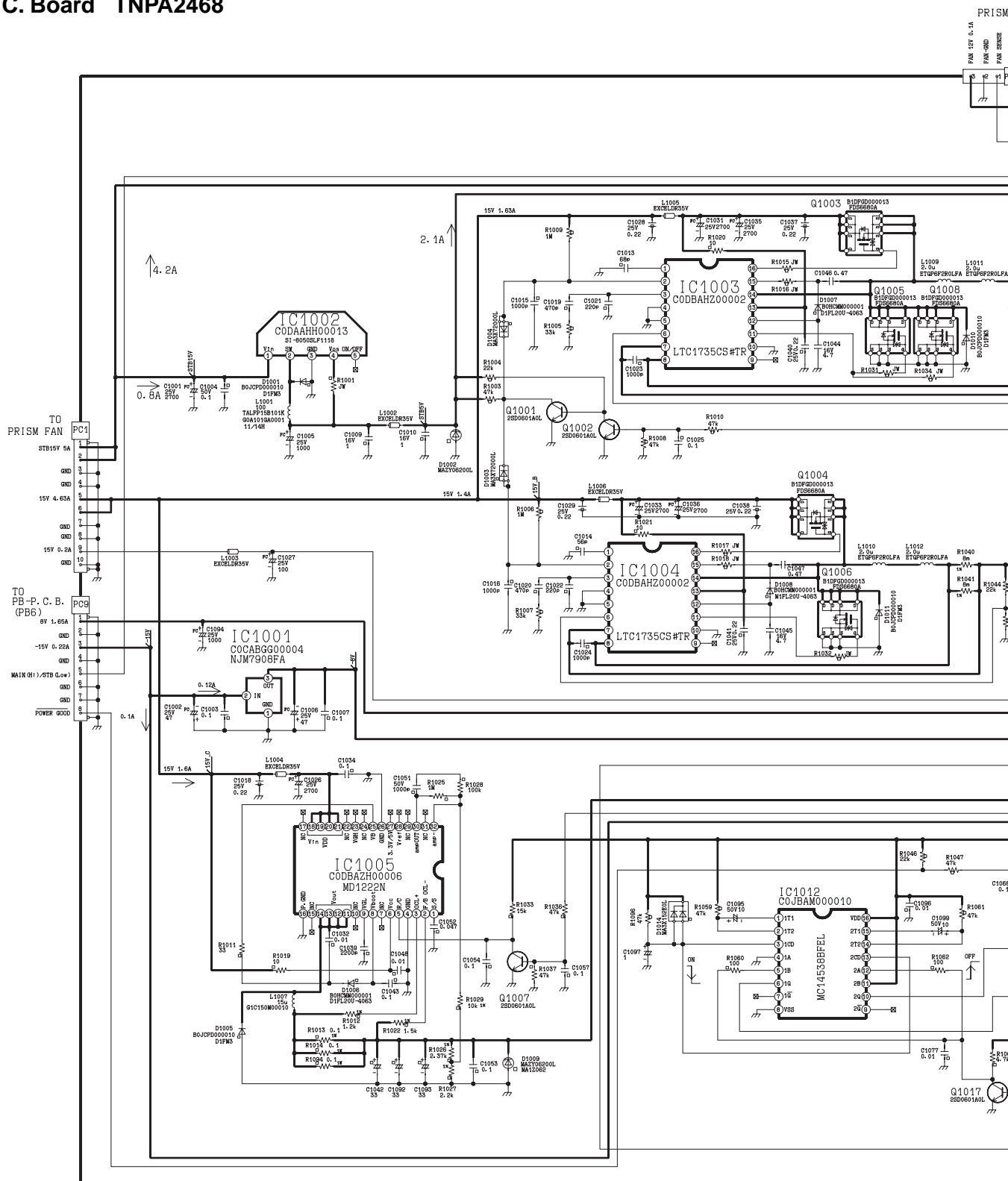
HOT : COLD

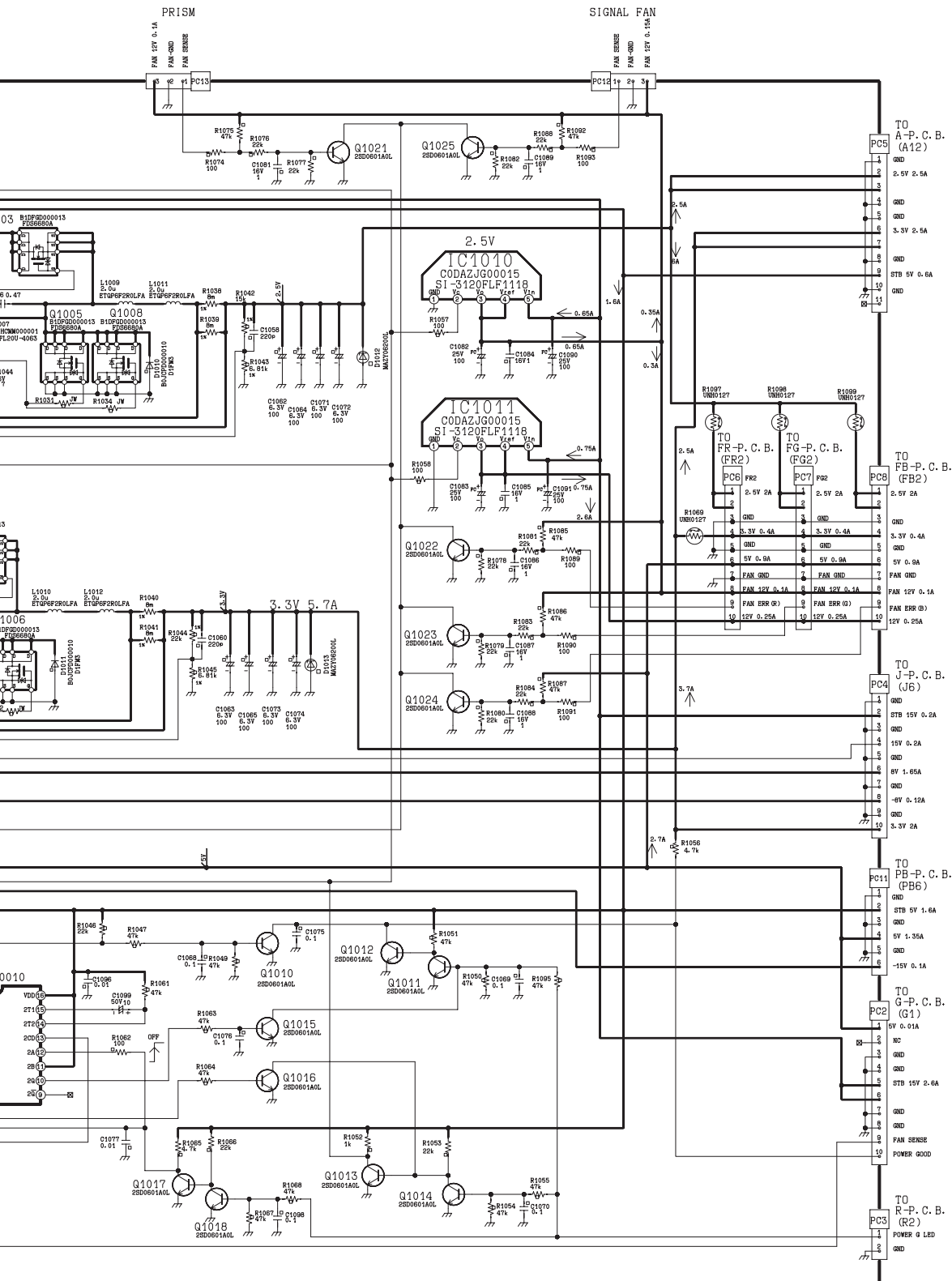




15.15. PC-P.C.Board

PC - P. C. Board TNPA2468

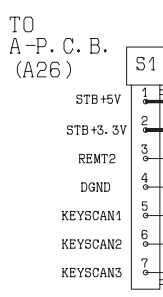
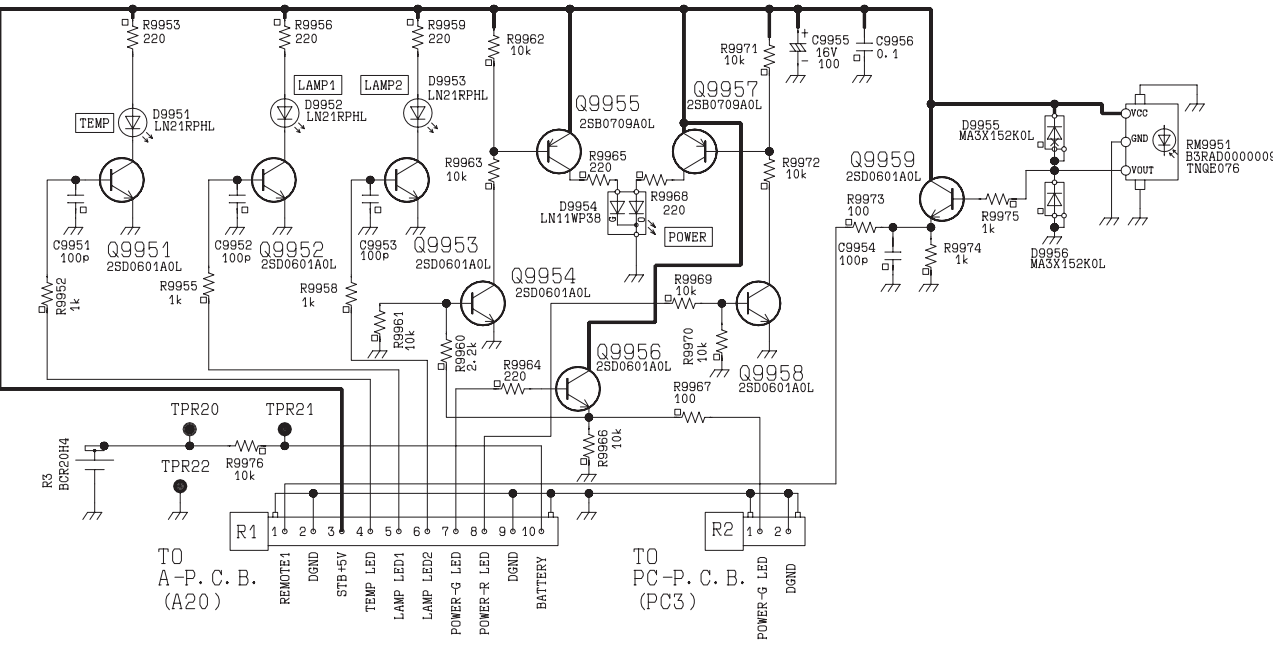




15.16. R-P.C.Board /S-P.C.Board

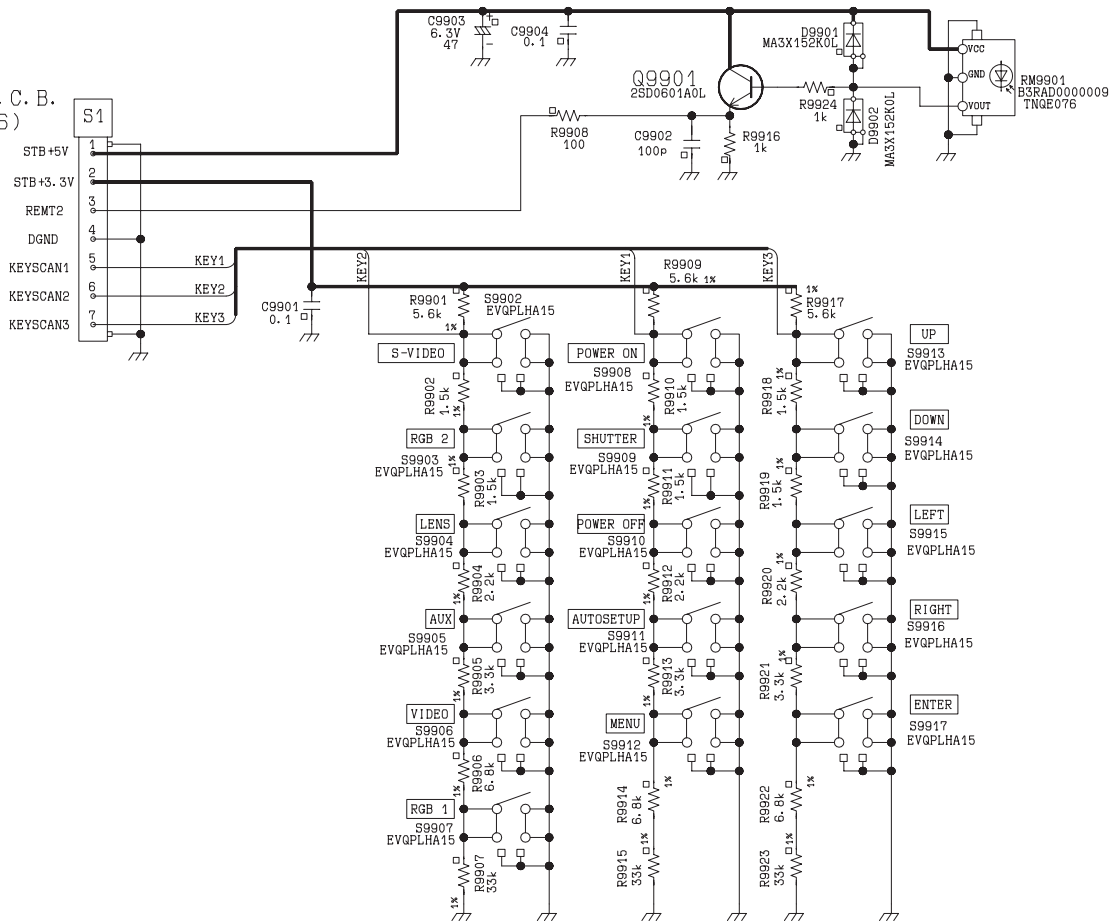
R - P. C. Board TNPA2462

S - P. C. Bo



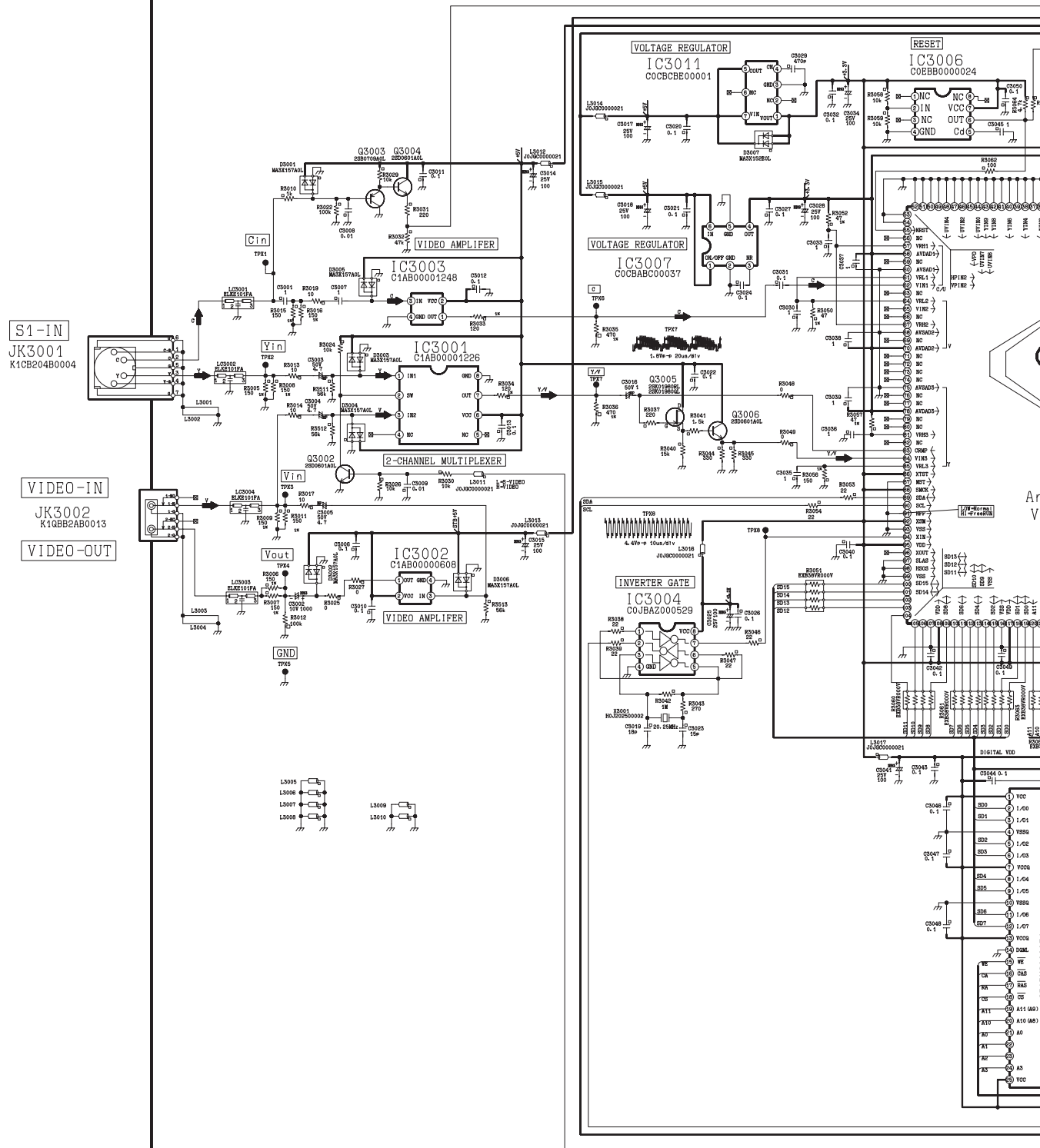
S - P. C. Board TNPA2463

TO
A-P. C. B.
(A26)



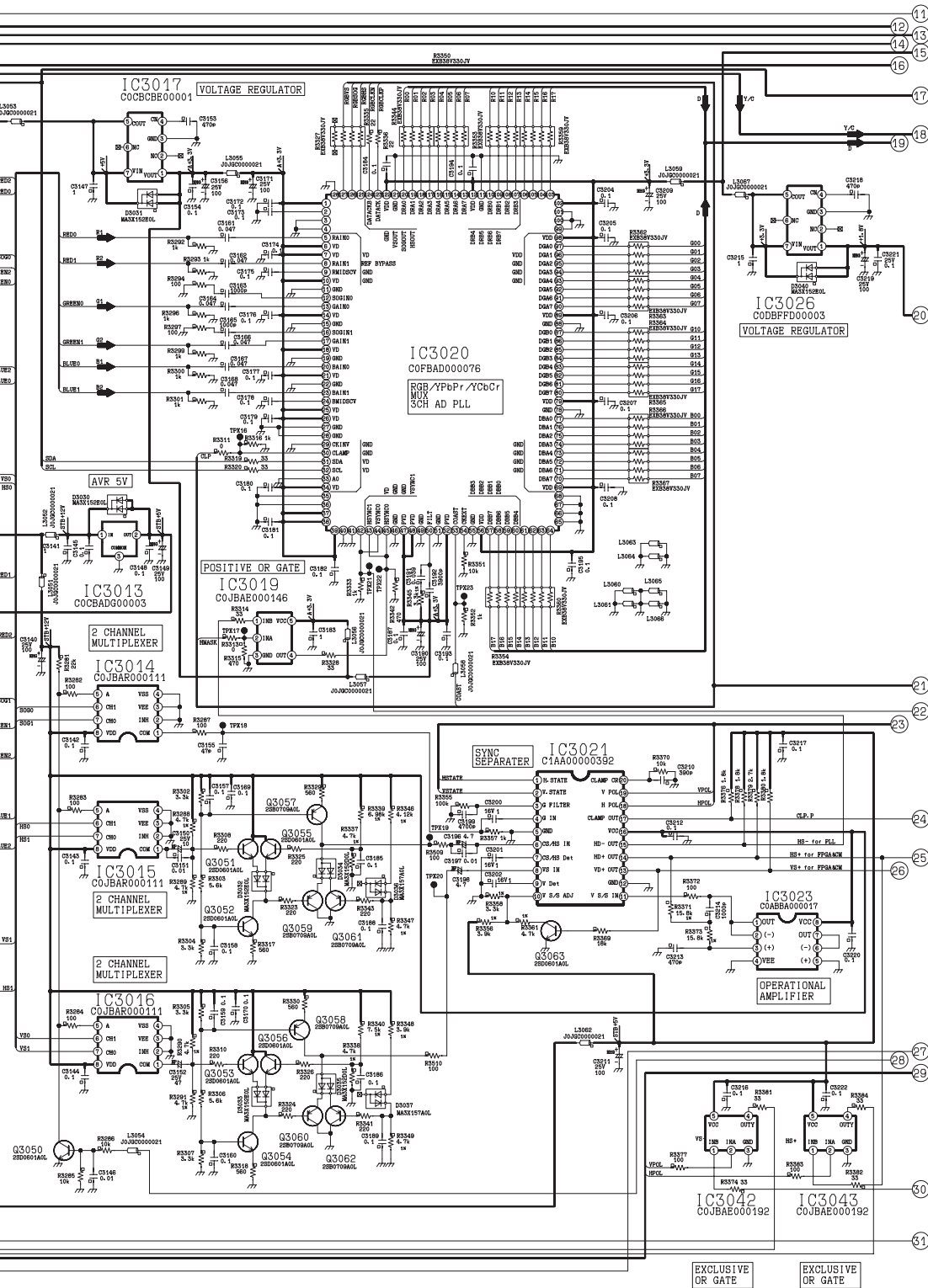
15.17. X-P.C.Board (1/3)

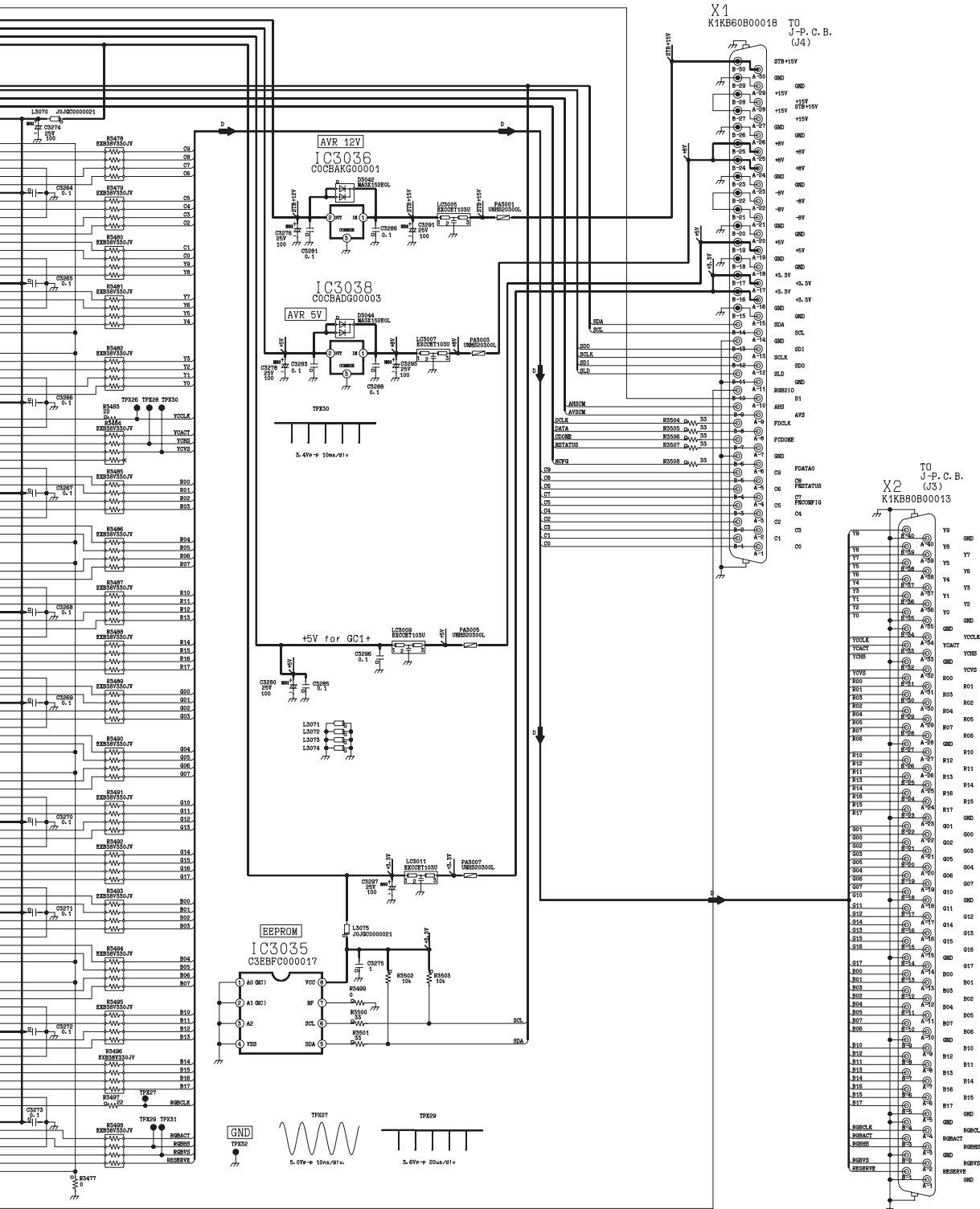
X - P. C. Board TXN/X2VJM8 (1/3)

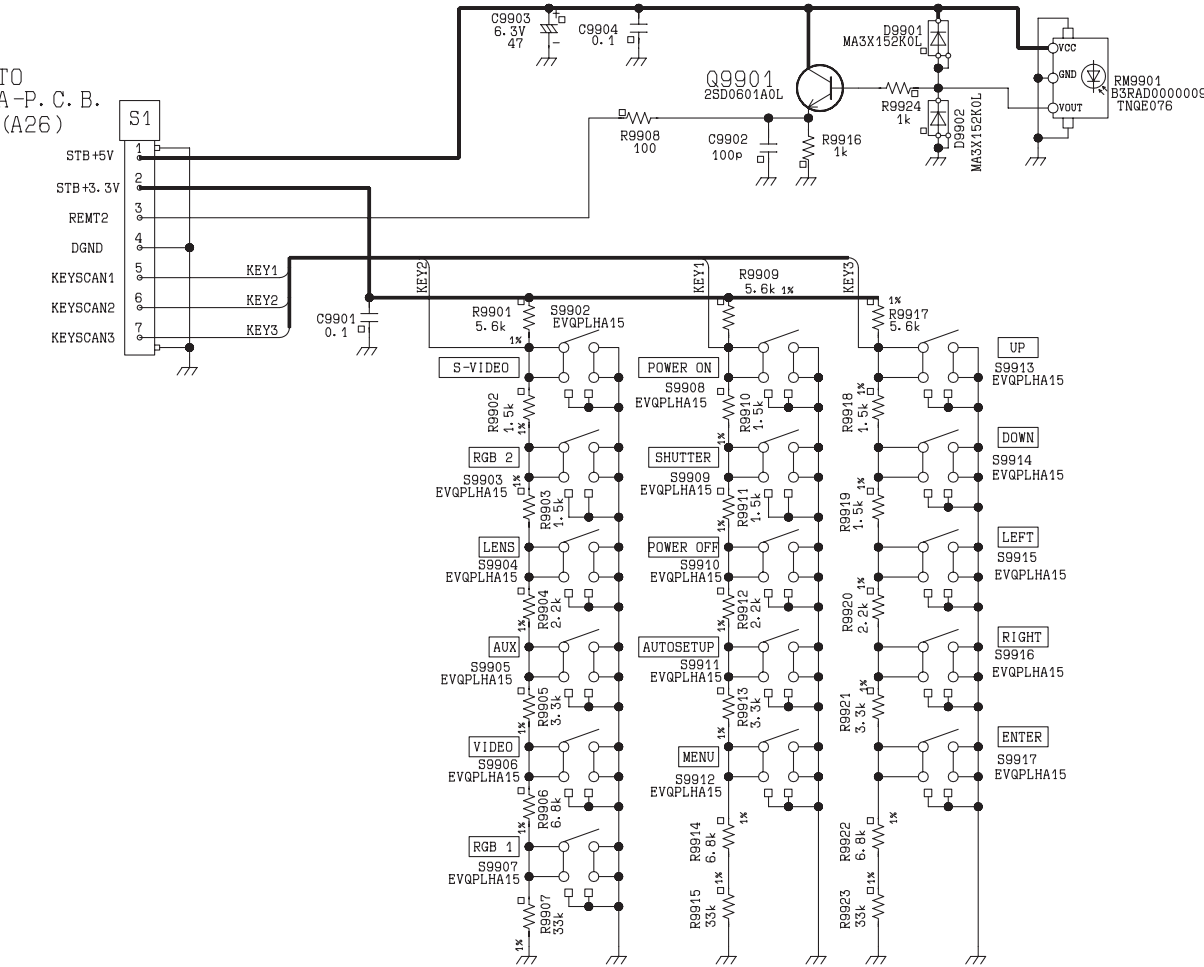
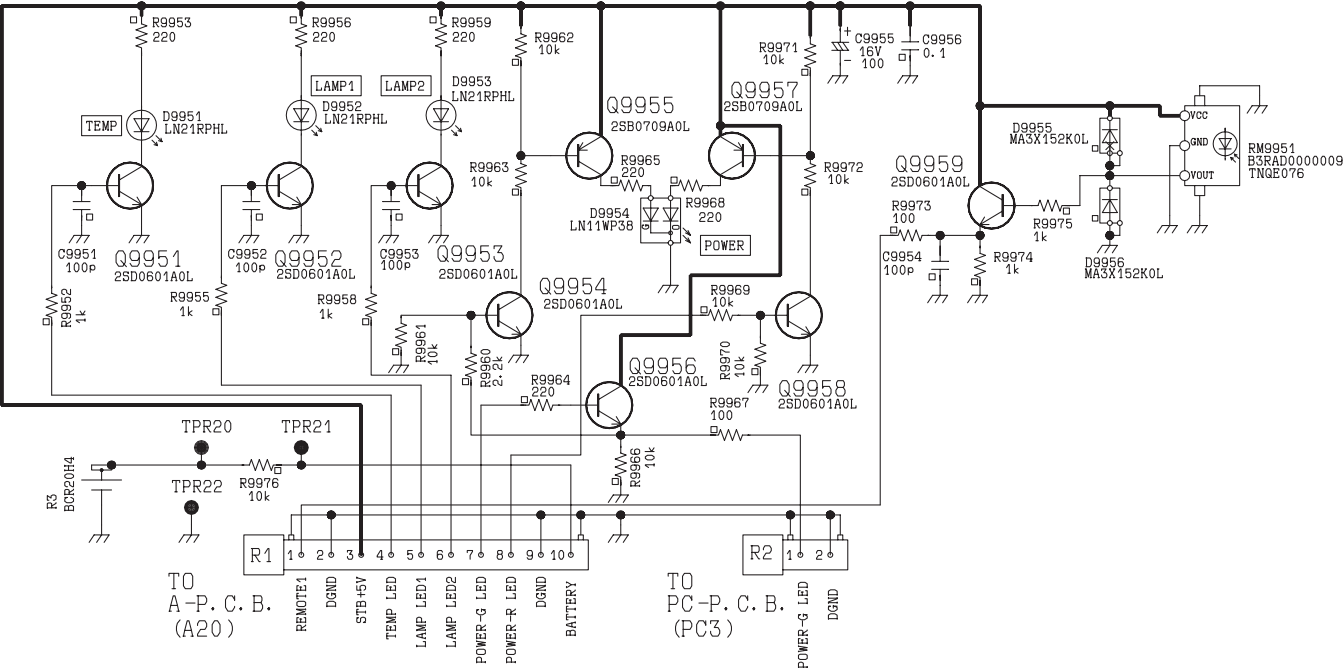


X - P. C. Board TXN/X2VJM8 (2/3)



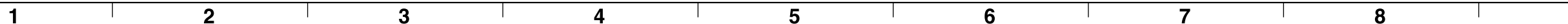




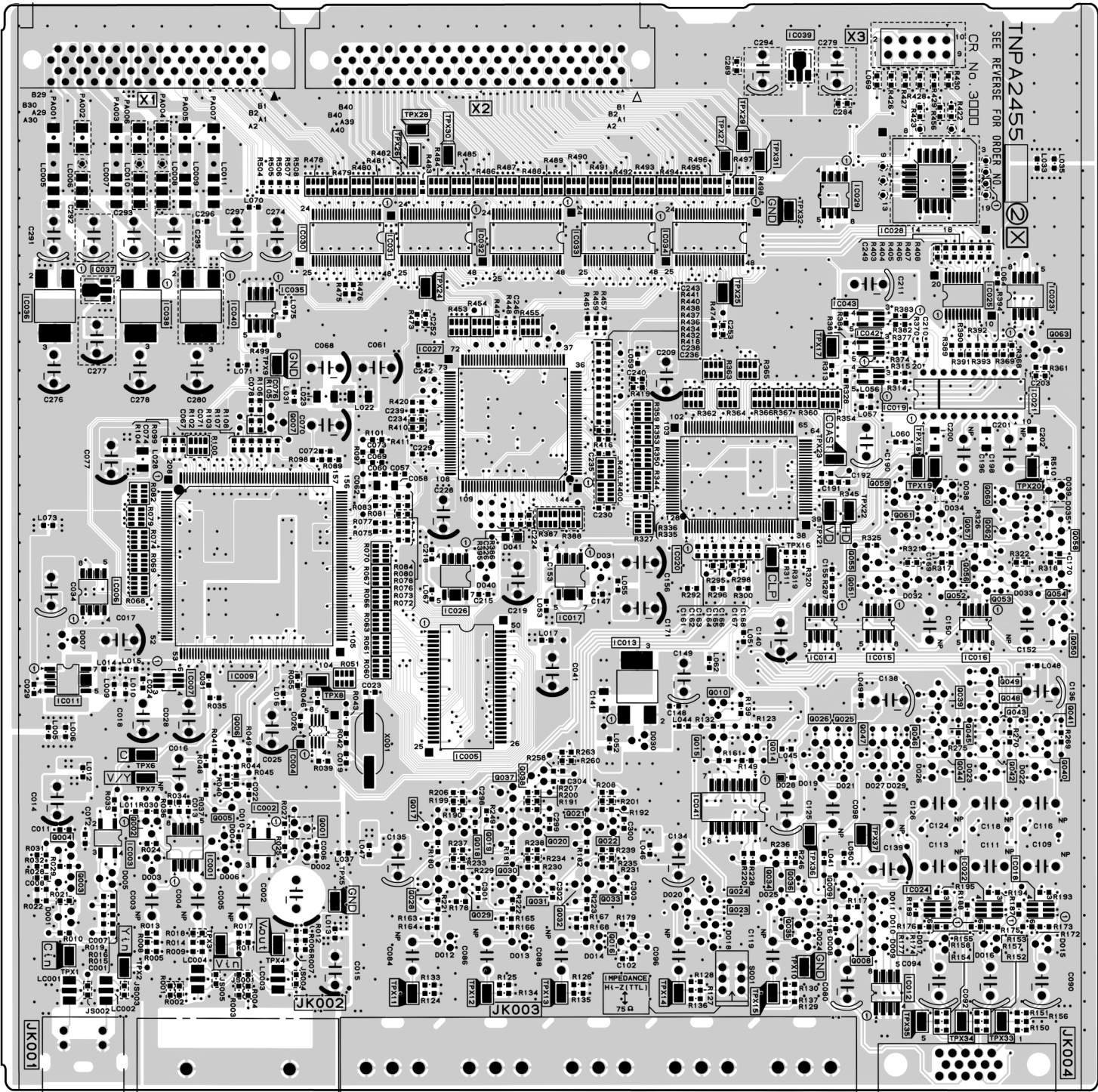








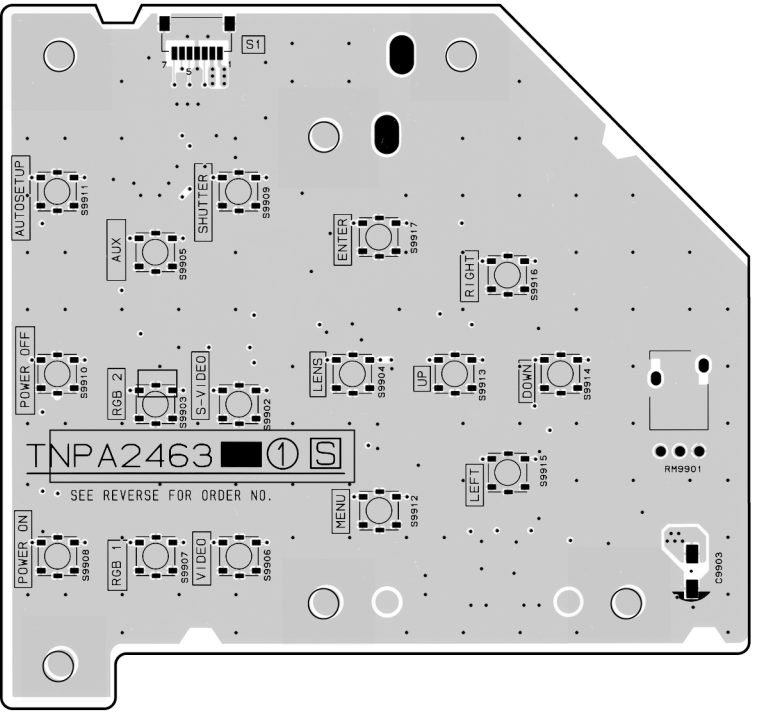
X-P.C.Board TXN/X2VJM8
(Component Side)



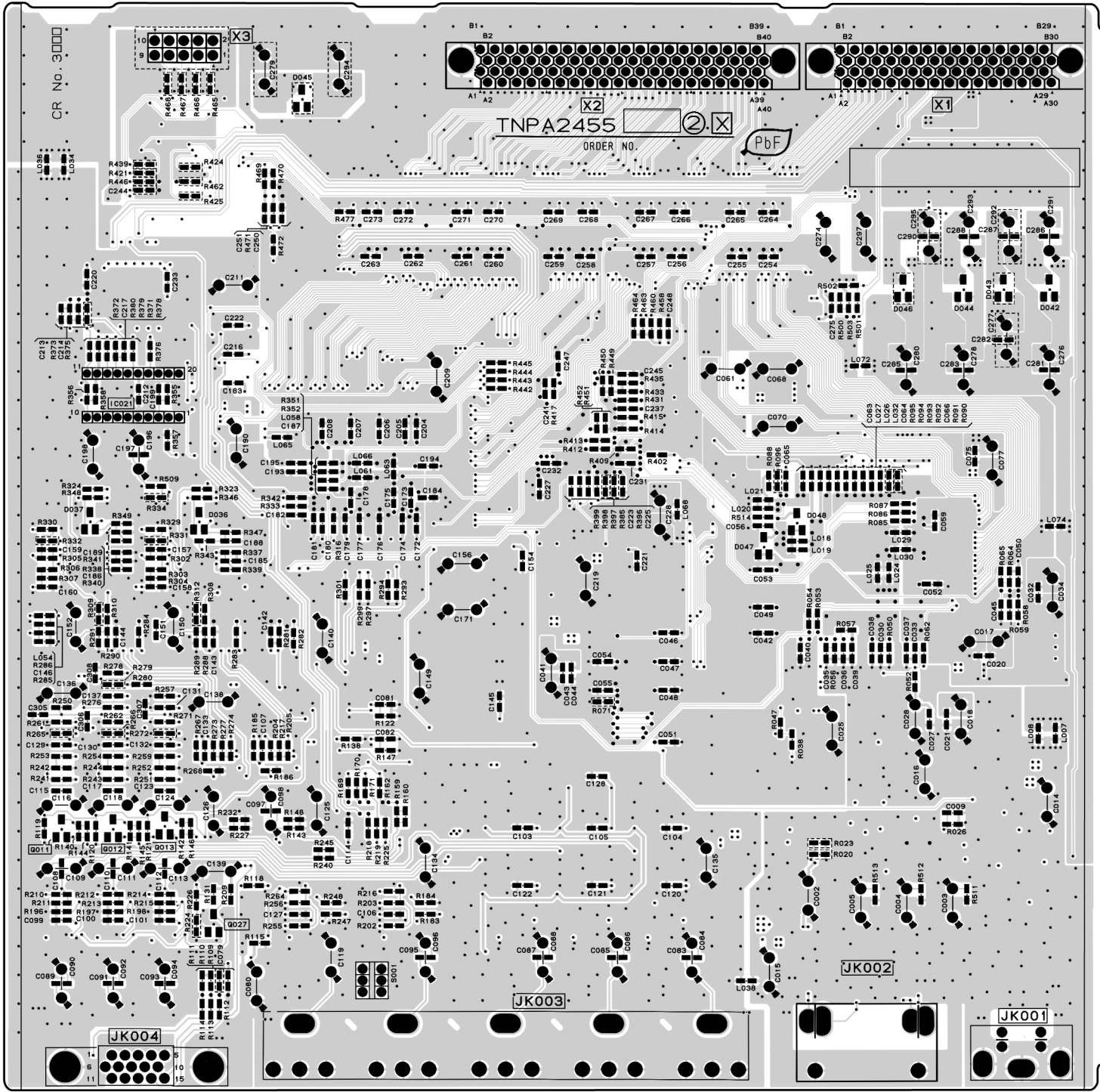
X-P.C.Board (Component Side)													
IC		TRANSISTOR						TPX					
IC3001	B-2	IC3023	D-5	Q3002	B-1	Q3026	B-4	Q3047	B-4	TPX1	A-1	TPX22	C-4
IC3002	B-2	IC3024	A-5	Q3003	B-1	Q3028	A-2	Q3048	B-5	TPX2	A-1	TPX23	C-4
IC3003	B-1	IC3025	D-5	Q3004	B-1	Q3029	A-3	Q3049	B-5	TPX3	A-2	TPX24	D-3
IC3004	B-2	IC3026	C-3	Q3005	B-2	Q3030	B-3	Q3050	C-5	TPX4	A-2	TPX25	D-4
IC3005	B-3	IC3027	D-3	Q3006	B-2	Q3031	A-3	Q3051	C-4	TPX5	B-2	TPX26	E-2
IC3006	C-1	IC3028	D-5	Q3007	D-2	Q3032	A-3	Q3052	C-5	TPX6	B-1	TPX27	E-4
IC3007	B-1	IC3029	E-4	Q3008	A-4	Q3033	A-3	Q3053	C-5	TPX7	B-1	TPX28	E-2
IC3009	B-2	IC3030	D-2	Q3009	A-4	Q3034	B-4	Q3054	C-5	TPX8	B-2	TPX29	E-4
IC3011	B-1	IC3031	D-2	Q3010	B-4	Q3035	A-4	Q3055	C-4	TPX9	D-2	TPX30	E-3
IC3012	A-5	IC3032	D-3	Q3014	B-4	Q3036	B-4	Q3056	C-5	TPX10	A-4	TPX31	E-4
IC3013	C-3	IC3033	D-3	Q3015	B-4	Q3037	B-3	Q3057	C-5	TPX11	A-2	TPX32	D-4
IC3014	B-4	IC3034	D-4	Q3016	A-3	Q3038	B-3	Q3058	C-5	TPX12	A-3	TPX33	A-5
IC3015	B-4	IC3035	D-2	Q3017	B-2	Q3039	B-5	Q3059	C-4	TPX13	A-3	TPX34	A-5
IC3016	B-5	IC3036	D-1	Q3018	B-3	Q3040	B-5	Q3060	C-5	TPX14	A-4	TPX35	A-5
IC3017	C-3	IC3038	D-1	Q3019	B-3	Q3041	B-5	Q3061	C-5	TPX15	A-4	TPX36	B-4
IC3018	B-5	IC3039	E-4	Q3020	B-3	Q3042	B-5	Q3062	C-5	TPX16	C-4	TPX37	B-4
IC3019	D-5	IC3040	D-2	Q3021	B-3	Q3043	B-5	Q3063	D-5	TPX17	D-4		
IC3020	C-4	IC3041	B-4	Q3022	B-3	Q3044	B-5			TPX18	C-5		
IC3021	D-5	IC3042	D-4	Q3023	A-4	Q3045	B-5			TPX19	C-5		
IC3022	B-5	IC3043	D-4	Q3024	A-4	Q3046	B-5			TPX20	C-5		
				Q3025	B-4								

ADDRESS INFORMATION

S-P.C.Board TNPA2463
(Component Side)



X-P.C.Board TXN/X2VJM8
(Foil Side)



X-P.C.Board (Foil Side)			
IC		TRANSISTOR	
IC3021	D-1	Q3011	B-1
		Q3012	B-1
		Q3013	B-1
		Q3027	A-2

ADDRESS INFORMATION

S-P.C.Board TNPA2463
(Foil Side)

S-P.C.Board (Foil Side)	
TRANSISTOR	
Q9901	A-7

ADDRESS INFORMATION

